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Happiness is Within

“How much better is it to weep at joy than to joy at weeping?”

“William Shakespeare”

In today's world, many people are trying to reach and achieve happiness with many ways that depend on the personal perspective of people. I am going to discuss about how to find true happiness and how people describe their inner conditions in many different ways. Although some people describe the word happiness according to their personal perspective, true happiness does not depend on the things that are around you because it is within everyone. Some factors that are associated with happiness are health, family, friends, money, and love. Mistakes and disappointments cause people to

be upset and therefore, unhappy. The first important point is, what makes you happy and what makes me happy are two different things. For example, some people think that: 'When they move to another house, things will be better.' Some other people think that: 'When they have enough money, everything will be wonderful, yet some think that: 'When they change their jobs, they will be happier', and some people think that: 'They can be happy when they get a lot of friends.' As a result, happiness can be described in many different ways according to personal point of view.

Secondly, my research about happiness showed me and was verified by researches conducted by Harvard University. How much money you earn, how many followers & fans you have, your position or status at work in a company or how much you're in love, does not help you to be really happy. This research shows that, having people you can trust in life, relaxing the nervous system, helping the brain stay healthy for longer and relaxes your emotional and physical suffering. Everyone says, we should be so happy. Why should we be happy? Do they know what happiness means? We're

starting to asking ourselves that question. everyone has their unique life conditions and we all have sensitive situations, in my opinion, we can't all be made happy with the same things. In conclusion, there are several meaningful things in our life and there are many people who truly want to be happy. Every one expresses his personal condition in a different way, so you should not compare yourself with others. Also, people should not chase or search for happiness because it is already within us.

Yunus Emre TÜFEKÇİ



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Hard Work is the Key

Why do we describe the person who is good at his job as either talented or smart? Maybe because we just see the results. We did not see him when he was struggling, fighting or learning to be good like what and how he is right now. I think both natural ability and hard work are crucial to succeed but I think hard work is more important for various reasons.

First of all, in a world full of competition in everything, people need something different that not everyone can do. It can be a special talent but many think talent is just for some people. Sometimes, even being talented at something is not enough. So hard work and determination are what everyone can try to do instead. For example, if you are weak at playing football and even if you have a talent for it and you want to become a professional player, you still have to practice hard and often. You might have good moves and can kick a ball straight towards the goal, but this talent will not be enough if you just depend on it. Lots of practice is necessary.

Secondly, one more important thing that you need is to set a goal. It is better if you focus your hard work through your efforts and steps to take to achieve that goal. Even small steps are part of being hard working. If you focus on that one goal, nothing can distract you.

Finally, work hard and work smart. Imagine that you are already working and you need a lot to get things done. In this situation, your skills alone and working hard are not enough. You can employ some people to help you because you cannot do it alone. Ask for help when you need it.

In short, if you don't have a special talent, do not be sad - just set yourself a goal, keep focused, and work hard and work smart for it.

Ahmed GHALEB

THE MOST BEAUTIFUL CITY IS *Istanbul*

Istanbul is one of the world's most populous 15 cities. The city I am writing about is the most beautiful city in the world according to me. Istanbul is one of the 81 city/provinces of Turkey. It is the most crowded, economically advanced, historical and socio-cultural city in the country. Istanbul is one of the most important cities in the world. Istanbul functions as a geographical bridge between Asia and Europe, and it has three bridges to account for it. The city has always had great geopolitical importance. Every year many tourists come to Istanbul. The reason for this is that Istanbul is a beautiful city and has many places to visit.

Istanbul has very beautiful seafront, that's why Istanbul Bosphorus should be visited. You can tour the Bosphorus. Istanbul has the most

beautiful views in the Bosphorus. You can take beautiful pictures and also you can walk and exercise by the Bosphorus. The place I often go among other places that must be visited is Taksim Square. It is located in the Beyoglu district of Istanbul. The Taksim Square is Istanbul's biggest square. There is a very long Street following the square, Istiklal Street, which has a wide variety of shops and entertainment venues. There are many tourists from other countries on Istiklal. Another place is The Galata Tower, which is one of the most beautiful buildings in Istanbul. The Galata Tower, is one of the oldest towers in the World and it is located at the end of Istiklal Street. Another place, is Ortakoy which is one of the most beautiful places in Istanbul and Ortakoy seafront is among the most visited

place of tourists. Ortakoy waterside has a great view and there is a large mosque. I would recommend you to eat baked potato in Ortakoy restaurants by the seafront. The last place is Kuzguncuk which is located in Üsküdar district. Kuzguncuk is an old district with narrow streets, colourful and old houses with front doors that can be photographed, cafes and pastry shops. There are a lot of places to visit in Istanbul. You should see these beautiful places.

Istanbul is a unique city where 17 million people live. Istanbul, one of the most beautiful cities in the world, is a city that everyone wants to see with its natural beauties, historical buildings, sea, culture and several other features. Everyone should see this city!

Kağan ÇELEBİ





DIGITAL MARKETING

What is DIGITAL MARKETING? In the world of Internet businesses, there is an evolving definition which helps businesses reach target customers. I agree that digital marketing is the best way to find target customers and reach your goals. There is a new kind of business that processes marketing with research and which analyzes data. It is done on computers with digital tools to boost sales and/or expand market share. In order to define digital marketing, we need to look at its history. In 1990, it was introduced by the search engine "ARCHI", which was helping businesses make their marketing more targeted. Before that, advertising was shown on traditional billboards and in magazines. Since 1993, people have been searching for everything they need. In marketing with digital tools, the first important part is the use of new digital tools that are rapidly becoming popular. The second most important part of digital marketing is finding targeted customers. Before all these, businesses could attract customers with broad advertising but they paid a lot of money and they found it harder to find their target audience. Today, digital marketing is based on new digital tools such as personal computers, laptops, mobile phones and tablets, and it should be possible to draw on any strategy that attracts the audience. We need to use the Internet to enter and execute digital marketing operations. Internet use introduces the first definition of digital marketing, namely internet marketing. Internet marketing itself has subcategories that include the major digital marketing sectors but not all of the digital marketing principles are summarized. There

is also an online advertising section. Internet marketing is one of the most important digital marketing methods. It should be said that there are marketing methods that are carried out on the basis of a website. The first step in implementing a digital marketing program is to set up an online business on a website's platform followed by introducing your product or service using the various marketing methods. The next step is Content Marketing. You should attract your target audience using any text, video and audio content. In this kind of marketing, the increase in the audience and increase in sales is through the content. After that is the Search Engine Developer. In this type of marketing, you should use the techniques of your site on search engine result pages such as Google. The third step is Email Marketing. This helps you find those interested in your business and retain them as customers through two methods of content: content marketing and search engine marketing. The fourth is Social Media Marketing. This is one of the newest marketing methods which focuses on social networks such as Facebook, Twitter, Google+, Instagram and more. In this type of marketing, you need to be more interested in using your own graphic design and useful content. Finally, there is Advertising, known as the second largest digital marketing option after Internet marketing. Targeted advertising in digital marketing can lead you to a quicker result. The digital marketing tools of the searching market have been introduced but along with these definitions, there are some tactics used

by companies that have been successful and can be used alongside the main methods. These tactics are not as well documented as the introduced methods and the reason is that they are not suitable for just any type of business. Not all of these tactics relate to digital marketing and marketing methods but which online businesses can still implement in their digital marketing programs. Inbound Marketing is a marketing approach in which customer-business communication begins through a customer. In digital expression, the customer is the user who comes to you and asks you questions or makes purchases. In this marketing model, you need to be able to create the need for contacts to come to you and they will start the relationship between the customer and business. Introspective marketing connects your business to a customer. This kind of marketing is done through direct advertising methods and businesses wherever they try to introduce their product or service to the customer. Outbound Marketing, connects your business to a customer and an unusual method for marketing in a limited time and budget. Guerrilla marketing is directly related to people. In this type of marketing, creativity is the first letter and if you do not have it, just hit your brand. Viral marketing is a marketing strategy whose design must first be defined in the strategy of any business. Viral marketing emphasizes content points. Your message (in the form of text, video, and audio) should have the ability to publish and share. In Influencer Marketing, you must

use your own workforce to expand your business. These people who are easier to be found through social networks today, can make a very effective advertisement for you, provided they are fully relevant to your work area, and it's not only useful for celebrities. In conclusion, there are many forms of digital marketing that try to improve your target market and target audience and make them more knowledgeable about your business. Defining business policies and the short and long term goals of each business is an introduction to determining a digital strategy. Identifying business features and services; recognizing and analyzing markets and competitors; setting goals within specific time frames; examining how to enter the competition environment and evolution, so many projects must be managed by a business expert and digital marketer before entering the real world.

Mehdi REZAAE

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ARTIFICIAL INTELLIGENCE: A Threat to the Livelihood of People



Automation of various tasks and jobs has gained a great deal of momentum within the last five years. Many manufacturers have started to replace employees with machines or robots of artificial intelligence. It is argued that automation system is superior to humans in terms of efficiency and cost. A human employee fundamentally requires breaks, nutrition, regular holidays, motivation and purpose. Machines or robots, on the other hand, require none of those in order to perform given tasks. Intelligent machines are replacing human employees at an alarming rate.

This alone makes them a big threat to millions of people who work in the industries of retail, manufacturing, and mining as well as for those who work as truck driver, waiter, customer service provider and so on. To give an example, the risk of fast food cooks losing their jobs is 81%. CaliBurger restaurants have already started to use AI-powered kitchen assistant to flip burgers. Automation will also take over repetitive tasks in sectors such as law: paralegals and legal assistants, face a 94% probability of having their jobs replaced by computers. According to a recent report by Deloitte, more than 100,000 jobs in the legal sector have a high chance of being automated in the next 20 years. MIT economist Erik Brynjolfsson stated that the increasing number of machines have already started to lead to unemployment and job security issues. As machines begin to replace human employees, the rate of people losing their jobs will increase, too. Do not make the mistake to assume this will happen in the distant future. Some professions will suffer this fate as early as 2040. You might think that this

won't affect your generation; the next one should worry about it. That's not the case at all. It's your generation who should be worried.

If you think that's a far-off future built on science fiction, you're wrong. It's much closer than you think. In fact, it can be clearly seen that it's already happening. One concrete evidence is dark factories. These factories are run lights out, they are fully automated and require no human presence on-site. Thus, these factories can run "with the lights off". Automation has been replacing factory jobs for years and now it's picking up speed. Many manufacturers are eyeing the possibility of "dark factories," factories without any human workers. You can simply turn off the lights and close the door, leaving the robots to rapidly work nonstop.

Amazon, the famous e-business, is another case of automation takeover. They've also started using robots. Amazon has implemented robots and other automation technologies in a variety of ways-especially in its warehouses. The company has tried to assuage fears of robots taking over human roles by saying that certain roles won't be automated. One of those jobs is the "picker," or someone who grabs items and places them in the areas to be shipped. However, according to a new report in the field, those jobs may no longer be safe either. In addition to this, last year, Amazon opened its first automated grocery store in Seattle USA - Amazon Go. Customers can simply grab the items they want to buy and leave the place without waiting in long boring queues. Thanks to cameras and AI algorithms that track what shoppers pick up along the way, the need for cashiers will be futile. Amazon has

been shifting the retail landscape not only for consumers but also for employees. So what could this latest change mean for retail workers? "I don't think we can stop it," said Ford, the author of "Rise of the Robots: Technology and the Threat of a Jobless Future."

According to unnamed people with knowledge of the situation, the company, in a statement to the original report, admitted that Amazon is always looking into new technologies to streamline the workflow, but that human employees are usually better at performing a variety of tasks that robots may not be able to do. Still, The CEO of Amazon Jeff Bezos said: "We need advanced technology and automation to meet customer demand-it's just that simple."

Amazon is not the only company, which is using robots in their facilities, Changying Precision Technology Company in China might be the model for the future of manufacturing. Its mobile phone factory used to employ 650 workers. Now they just have 60. Can you imagine what 590 employees are doing right now? You've probably guessed it right: they are unemployed.

Remarkably, the person, the political figure who is making the most sense on this subject who has thought about it most deeply is a Democrat who is running for president in the USA, Andrew Yang. The presidential candidate stated: "If you look at the backdrop we automated away 4 million manufacturing jobs in Michigan, Ohio, Pennsylvania, Wisconsin, Missouri, and those communities have never recovered. If you look at the numbers half of the workers left the workforce and never worked again and then half of that group filed for disability. Now what happened

to the manufacturing workers is going to happen to truck drivers, call centre employees, and fast food workers on and on through the economy as we evolve in technology...

However, the speed of change today is significantly faster than it was in the past. We are slowly losing our jobs to robots and if we don't stop this in the future robots and AI probably will take our jobs"

Some advocates of automation claim that people who lose their job due to automation can retrain for a new profession and acquire new skills. However, in reality, this is not the case. The data indicates that retraining programs do not work on a large scale. The Trade Adjustment Assistance (TAA) program, a Federal program for displaced manufacturing workers, was found to have only 37% of its program members working in the field of work they were re-trained for. No Worker Left Behind program found that one-third of its members remained unemployed after the program, similar to the 40% unemployment rate of their peers who did not enrol. About half of all workers who left the workforce between 2003 and 2013 went on disability and were not retrained for a new job.

All things considered, a vast number of people will face unemployment because of automation. Furthermore, the smarter these machines and robots get; the faster they're going to be replacing us. Company owners will not be likely to prefer humans over machines as Capitalism demands more efficiency and less cost. This is not a subtle shift to more automation but a real threat to society and the human race.

GENERATION DESIGN & 3D PRINTING

In the words of AUTODESK®: "Generation Design mimics nature's evolutionary approach to design." Actually, it's the process which concludes with an array of product alternatives from which the final design is selected. Also, generation design takes a massive part in the 3D Printing process especially in modelling. In my opinion, Generation Design is the most critical step in the engineering design process because it expands your ability to deliver innovative design and engineering solutions. Simultaneously, 3D printing gives you the ability to try your designs before introducing the final result.

Generation design is a creative way to expand your ability to innovate and find out new solutions which are based on real world manufacturing and product requirements. For instance, it maximizes the potential of additive manufacturing in part, in consolidation design by consolidating multiple components into solid parts which get lighter and stronger than the first version. Additionally, it empowers the industry by organizing and prioritizing those ideas to achieve the optimal design for example the "MaRS Innovation District of Toronto" in which Autodesk® pushed the limits of generative architecture design and used the power of computation to generate and evaluate

thousands of design options. The result is a high performing and novel work environment based on managing complexity, augmenting human creativity and optimizing idea for specific criteria. Thus, generation design gives AEC (Architecture, Engineering, and Construction) the freedom to design more creatively.

In addition, 3D Printing is one of the most significant processes which is highly related to generation design, for instance, "three-dimensional printing robots." In fact, it's one of the most important innovations which support and facilitate generation design process because it helps you print the alternatives and designs in order to compare the results and learn from failed experience to enhance the final result in 3D printing also. Technology oils the wheels to make the world thrive by creativity. To illustrate, it helps AEC to develop more sustainable designs and experience the acceptance of products with world insights and trends. In short, 3D printing technology gives designers the ability to simulate the products with details from head to toe in order to make them better.

In conclusion, Generation Design and 3D printing Technology involve more complex goals to develop new frameworks and improve our ability to innovate.



Montaser MESK

OBSSESSIONS

Do you have obsessions that affect your life? Nowadays, many people have obsessions ranging from minor to serious. Obsession is a disease that restricts people to cycle of repeated thoughts and behaviors. Obsessions are caused by environmental factors as well as biological factors. People have various obsessions. Some obsessions only affect people's lives to a limited extent, while others have a more serious impact on their day to day life. As far as the serious forms of obsession are concerned, there are a good number of cases. One of them is the obsession with cleaning. People who suffer from this obsession are concerned about contamination and the transmission of disease. For fear of contamination of microbes, they can't close doors, they are afraid of going outside and often spend a lot of time washing their hands. For example, the famous actor Alec Baldwin has this obsession. Today, the obsession with colour is

as common as the obsession to clean. There is a woman called Elizabeth Eaton Rosenthal who lives in New York. The colour green has an important place in this woman's life. The colour of everything she uses is green. In addition to these obsessions, there are many strange obsessions. For instance, the obsession with shopping, which means people purchase things without questioning whether it is necessary for them. Another one is the obsession of proposing marriage wherein people who have this obsession usually offer remarkable marriage proposals to different people in a short period of time. One more obsession is giving presents to someone. People who have this obsession don't do it to make others happy - they just do it to give gifts, they continue to give away presents even if their financial situation is insufficient. The celebrities we know from various places also have strange obsessions. Did you know Leonardo Dicaprio is ob-

essed with curbstones? Because of this obsession, he changes his route to work and he's often late to set. In addition, David Beckham is said to be obsessed with symmetry and order. This is even the case with the clothes he wears. Also, whenever Megan Fox gets on a plane, she always listens to Britney Spears' music during the trip. Another one is about Paris Hilton, who always makes a wish when the time shows 11:11. The last famous name is Katy Perry, who always carries 20 toothbrushes with her and brushes her teeth 6 times a day. To sum up, many people have a form of obsession to certain degree. Some may be trivial and harmless, but others can be extreme and impactful. Obsessions may not make sense to people who don't have them or they might even find them funny. However, obsessions, especially serious ones, can affect your life or even take it over.

Delfin BOZ



THE IMPORTANCE OF EDUCATION

The main purpose of the existing states in the world is to develop the country and to provide an environment of peace and prosperity to the people living in it. There can be different ways of doing this such as; improving education, sociocultural activities and increasing the per capita income. But what is the most important factor in the development of countries? Is development provided by education or with money? In order to answer these question, the importance of development must be understood. If the person's understanding of development is not related to humanity and conscience, the individual will probably think that development will be provided with money. When the countries of the world are examined, there are countries that are very good about monaterly issues but do not have any studies about education. However, unless money is supported by quality edu-

cation, it will only be consumed. In order to be beneficial to themselves and their environment, people must produce as well as consume. More production is something that can only be achieved through education. Although the economy is not developed sufficiently, the states with a strong educational system are now known as world power. For example, Japan has a technology-based education system and knows very well how to use it and today it shows how much importance it gives to education with the budget it devotes to education. When all the above-mentioned reasons are examined, it is seen that the real development will be provided by solid education. A solid education means sustainable economy. All these reasons devote priority is education; which is the most powerful weapon that can be used to change the world. Lastly, as Atatürk says "Our true mentor in life is science."

Rabia Nur AYTEKIN



Mentality of Happiness

Can you imagine a world where everyone is happy? People are happily walking on the street, children are merrily playing, birds are singing their songs - all these are good but it's not for everyone. In fact, happiness is not something that you can apply to every person and get similar results. For me, happiness is about having a strong family, being friends with mature people and having the job I've always wanted.

First of all, your family is where you came from, literally, your family defines you. Having good childhood memories have a big impact on people's lives and it really depends on your family. For example, let's say your parents were always fighting while you were growing up and you witnessed all their fights - you'll always live with this burden on your shoulders. So having a strong and stable family is a relief for people because they can share and talk about everything. It provides a good foundation for happiness.

Secondly, friends are important, but friends with mature people can have a significant impact on your life. Usually, friends are too involved each other's lives and they share everything, but if they are not happy with their lives, they can pull you down too. However, mature friends can save you when you need help because they have knowledge about life. Keep your mature friends close to you and try to help them too. You will be happy when you find that kind of friendship.

Thirdly, people spend half of their lives in their offices. Many are unhappy about being stuck in a job they don't truly like. Do you want to spend your life this way? You are not doing it because you love it, you are doing it because the job you hate might be necessary to earn a living. But you will never know the feeling of being truly "productive" and being in this kind of situation will hurt you, day by day. With a job you love, you can fulfill your desires or family's needs while being happy.

Happiness is about what you have in your life and how you see things. We have to support others, keep an eye on our family and build things for humanity. After that, happiness can be easier to experience!

Hüseyin Can YILDIRIM

A STAR'S EVOLUTION

Away from the city lights, on a cloudless night, stars can be observed in all their glory. These thousands of lights in the sky have influenced people for centuries. For instance, agriculture needed a good knowledge of the seasons. Also, religious ceremonies and prophecies depended on the location of the celestial bodies. Thus, the reckoning of time became more accurate and people learned to calculate the movements of the celestial bodies in advance.

Every star we see in the sky is just like the sun, a giant ball of extremely hot gases incandescent. The stars are a cosmic nuclear power plant that produces energy by transforming one element into another. These power plants create ever-increasing heavy atoms, which then form the building blocks of organic molecules and living organisms. The French thinker, Auguste Comte, put forward in 1835, that we could never discover what substances the stars were made of because it was not possible to take a specimen from a star.

Stars are the light points in an empty space at first glance. In fact, interstellar space is not empty, it consists of large clouds of atoms, molecules, elementary particles, and dust. The new matter is disseminated by exploded stars, hence, new stars are formed with the contraction of clouds that include remnants of erupting stars. Stars are not uniformly distributed in space, but concentrations form clusters of stars. These clusters are made up of stars that are born close to each other, and in some cases, they remain together for billions of years.

As a cloud collapses, the centre of the possible star begins to heat up. When the cloud starts to coalesce, a dense, hot core forms and begins gathering dust and gas. The onset of nuclear reactions forms a nucleus of hydrogen. The gravitationally-potential energy of the stars emerge during

the shrinkage of the material that forms the star. The scattered potential energies in the matter, that will form the star, are strengthened during shrinkage and are transformed into heat energy. The temperature of the gathered material increases over time. In other words, the potential energy is transformed into kinetic energy in time and it is transformed into heat energy. However, it is not possible to convert all kinetic energy into heat energy. For this reason, the star provides a balance by moving some of the kinetic energy back into space through radiation because the heat energy increases the pressure inside the star and it is necessary to move excess energy out of the star to keep this pressure in balance. Gravitationally-potential energy decreases approximately twice as fast with the increase of heat energy. For the conservation of total energy, half of the potential energy change needs to be released into space. In the formation phase of the star, the power in this surplus energy emerges as radiation.

When a star consumes all the hydrogen in its nucleus, it starts to burn helium. Hydrogen is still available outside the core, so hydrogen fusion continues in a shell surrounding the nucleus. The core begins to collapse on its own and becomes deprived of the energy production it needs to support it. An increasingly hot core also pushes the outer layers of the star outward, causing them to broaden and cool, transforming the star into a red giant. Although most of the large mass stars live for billions of years, in general the larger the mass of a star, the shorter it lives.

For ordinary stars like the Sun, the process of ejecting its outer layers continues until the stellar core is exposed. This is called a White Dwarf. Although it contains the mass of a star, the White Dwarf's roughly the size of

Earth, which once confused astronomers. Why didn't they collapse more? What force supported the mass of the nucleus? Quantum mechanics answered that question. The pressure of fast moving electrons prevents these stars from collapsing. The larger the core, the more intense the white dwarf is. Therefore, the smaller a white dwarf, the larger the mass.

If white dwarf forms in a binary or multi-star system, it may experience a more eventful death as a nova. Nova means "new" in Latin, so novae were once thought to be new stars. Today, we understand that they are actually very old stars (white dwarfs). If a white dwarf is close enough to a companion star, gravity drags the substance from the outer layers of that star onto itself to form the surface layer. When enough hydrogen accumulates on the surface, a sudden nuclear fusion occurs, causing the white dwarf to shine significantly. Within a few days, the brightness decreases and the cycle starts again. According to the Schönberg-Chandrasekhar limit, if the white dwarf exceeds a certain mass, it is highly likely that it will explode as a supernova.

If the star is sufficiently massive, in the core, the heat and pressure at the core allows them to fuse heavier elements until they reach iron. (hydrogen, helium, carbon, neon, oxygen, silicon, iron) Unlike all previous elements, the iron-forming fusion process does not produce any energy. Iron accumulates in the centre of the star until it reaches a critical amount and the balance is suddenly broken and the core collapses. In a fraction of a second, the star explodes. Moving in approximately a quarter of the speed of light, it feeds more mass into the core. At that very moment, while the star dies of a supernova explosion, all the heavy elements in the universe are created. This process produces a neutron star or if the star is massive enough, the

entire mass of the core becomes a black hole.

A neutron star is typically 1.4 to 4 times heavier than the sun, but is compressed to a volume of about twenty kilometres in diameter, so it has a very high density. As Isaac Newton pointed out earlier the 17th Century, the gravitational force around a small, dense neutron star is much larger than around a normal star because the gravitational force is subject to an inverse-square law. In fact, the gravitational force on a massively dense neutron star is about a million times fiercer than on the Earth. For instance a bullet would need to reach almost half the speed of light in order to escape its gravity. With such powerful gravity, Isaac Newton's Law of Universal Gravitation, which generally works well in our solar system, becomes useless, and a more sophisticated model of Albert Einstein's General Theory of Relativity is needed. Thus, clocks on a neutron star would run 10 - 20% slower than those on the Earth, and any light from the surface would be so strongly curved that, when viewed from a distance, it would be possible to see some of the back of the neutron star.

The dust and debris left behind by novae and supernovae blends with the surrounding interstellar gas and dust, enriching it with the heavy elements and chemical compounds produced during stellar death. In the end, these materials are recycled, providing building blocks for new generation stars and accompanying planetary systems. So can we say that we are made of stars? Like Carl Sagan said, "The nitrogen in our DNA, the calcium in our teeth, the iron in our blood, the carbon in our apple pies were made in the interiors of collapsing stars. We are made of star stuff."

Aylin ÇELEBI



READING

Which Country Reads The Most?

India topped the list with its citizens reporting an average of 10 hours, 42 minutes a week spent reading. India's rate of literacy increased by more than 6 times since the country gained its independence in 1947. Thailand is the country with the second highest number of hours spent reading. We know, people spend a weekly average of 9 hours and 24 minutes reading in Thailand. And they report that more time is spent reading online. Than China is the country with the third highest number of hours spent reading. People in China spend an average of 8 hours every week reading.

So what about other countries? France is seventh with 6 hours and 54 minutes, Hongkong is eleventh with 6 hours and 42 minutes, Turkey is eighteenth with 5 hours and 54 minutes,

Spain is nineteenth with 5 hours and 48 minutes, Canada is twentieth with 5 hours and 48 minutes and Germany is twenty first with 5 hours 42 minutes. What about Japan? We know, Japanese people are hardworking so why is Japan twenty eighth, in the list of hours spent reading? Because Japanese people learn to use technology at an early age, that's why they don't like reading books.

What is the Benefit of Reading ?

There are a lot of benefits of reading (stress reduction, knowledge, vocabulary expansion, improved focus and concentration) but we are going talk about the mental stimulation and memory improvement. To begin with mental stimulation. Studies have shown that staying mentally stimulated can slow the progress of Alzheimer's and Dementia, since keeping your brain active and en-

gaged prevents it from losing power.

Secondly memory improvement. When you read a book, you have to remember an assortment of characters, their backgrounds, ambitions, history, and details. That's good to remember, but the brain is an amazing thing and can remember these things relatively easily. If you want to learn more about how to increase the brain power, boost memory and become 10x smarter, check out this technique! We also need to think about books and the benefit of reading. Have you ever thought why is reading important? Because it develops our thoughts, gives us endless knowledge and lessons while keeping our minds active. A book helps us to learn and understand things, and this benefit can not be underestimated.

Özge İrem COŞKUN



What is insurance?

Insurance is something you need, to protect yourself against risks and dangers, such as house fire, traffic accident, health or burglary. You will get protection that pays you cash in case you get too sick to work or to supply for your family in the event that you kick the bucket.

How insurance works?

You can choose what you need or want to be protected against with insurance.

- If you're travelling overseas, get travel protection to assist in paying your health centre/ hospital expenses and other costs in case you get injured or sick.

- If you have a mortgage on your house, what would happen in the event that you got too sick to work? Paying insurance may offer assistance in covering your payments.

Depend on the company you work for. I have spent my career working at an insurance company. There are many innovative things to do. So it helps to improve your skills while you are working. You can acquire the job qualifications and skills very quickly with helpful employees thanks to the importance given to education by insurance companies, which help their employees gain experience.

Insurance is an unavoidable truth. It is all over the world. Individuals will definitely require it. Because of the importance and need for insurance, there will always be the need for individuals in the insurance business

Insurance is a profitable industry, so there is a decent salary to be earned. Additionally, there is security in insurance and it is special in that it can offer uncommon advantages to workers in the business. If you are in the insurance business and on the off chance that you ever want to have a family, you will be happy you're in the insurance business.

Working in the insurance industry has many advantages, but most importantly, you can recognize a lot of sectors, conduct market analysis, and dominate in other areas.

The list of departments in an insurance company:

Underwriting Claims Handling, Actuarial, Loss Control/Loss Prevention, Finance/Accounting, IT, Marketing, Operations, Agency Sales Producer and Agency Customer Care Representative Choosing your career is your choice. I just tried to explain the benefits and developments that I see. We must be innovative, otherwise we cannot work in other sectors.

Sevgül DEMİR



WORLD WATER DAY

22TH MARCH

Water, water everywhere, no drop to drink' It is a well-known expression in a different reference to water conservation that has to be considered by everyone.

Even though we are surrounded by water, which is 71 percent of the Earth's surface, we can only use 3 percent of it and we do not use fresh water just to drink. Most of the fresh water is used in agriculture (70%) and it is said that, because of the increasing population by 2035 this amount will massively increase. Also, we use fresh water for electric power technology.

The remaining amount out of the 3 percent is salt water. So, you must be thinking why we do not purify salt water to get fresh water. It is because purifying salt water to fresh water is hard to do and it affects the environment badly. One of the bad effects is after getting the fresh water from salt water, the residual salt affects the underwater resources badly when it is released into the sea. Another bad side is the harmful chemicals -which are released after the treatment system- into the sea water. Also when fresh water is obtained, the hot water is discharged into the sea and increases the temperature of

the sea water, which means that marine habitat is being affected badly from this process.

Due to industrialization, population growth, pollution of water and unconscious water consumption, the available water resources are rapidly decreasing. So, if we use the water unwisely, it will have a terrible impact on the future.

So what can we do to conserve water?

Take shorter showers

You might have heard taking shorter showers to conserve water from someone. While we are showering every minute we use approximately 2.5 gallons (1gallon=3.7litres) so it means that a 15-minute shower uses approximately 35-40 gallons of water. So, what you can do to use less water is to turn off the shower tap after soaping up, then turn it back on or you can buy water-saving showerheads and low-flow faucet aerators.



Do not leave the water running

While washing the dishes by hand, do not leave the water running while rinsing. To use less water, while washing the dishes, you can use two dishpans, fill one with soapy water and fill the other one with clean water to rinse.

The other thing that you can do is to turn off the tap while you are brushing your teeth because running the water while you are brushing your teeth wastes approximately 4 gallons of water.

While you wash vegetables, instead of leaving the tap on use a bucket of clean water.

Sinem KISACIK



Great Winter in Serbia

Have you ever been in one of the Balkan countries? Last winter, I went to Serbia and it was a good experience overall. My best friend used to live in Belgrade, which is the capital city of Serbia and which has a beautiful city life. I was amazed by their night life, the country's beautiful nature and delicious foods. I am glad that my best friend convinced me to visit.

My opinion about having fun was limited before I went there. They have all kinds of bars, night clubs, and what they call kafanas or their local cafes. One day, we met with our friends who live in Belgrade and went to a concert of a famous local DJ. It was in a building from the 1900s and it was made with stones and had astonishing architecture. There was a lion sculpture on top of the building which looked so grand and beautiful. We enjoyed every kind of drink but the most interesting one was "rakija". It is a kind of brandy made from plums, had a sharp smell and it tasted better with good house music.

Serbia is the perfect place for those who love wonderful nature. There was a water fall called "Kaluderski Skokovi" and it was the biggest one. It flows down from a misty mountain and rich natural surroundings border it. It creates the most beautiful color shades and combinations that I've ever seen when struck by light. The sky would have been brighter and open if we went there in the summer, but the winter made it look more attractive because of the snow which reflected on the water.

Serbian food is really like Turkish foods. While I was there, Mladin, who is a friend of mine, invited us to dinner with his family. There was a real feast when we got to his house. We started with chicken soup which had fresh, delicious carrots in it. There were flower figures on the bowls. After that, we ate special cow meat which they marinated for two days before eating. All of these were delicious and the people were so kind to us.

I've enjoyed every minute of my visit to Serbia. It was memorable in all aspects as I tried local drinks, relaxed with their house music, ate their local foods and met new people. I did all these while I enjoying their mountains and waterfalls. It was truly awesome!

Hüseyin Can YILDIRIM

MESSIEURS, MESDAMES ET MESDEMOISELLES

The most basic way to interact with others, for almost all living creatures, lies in their ability to communicate. All humans use an array of spoken language, non-verbal language, body language, written language, and symbols to name a few. As you may know, animals also communicate with sound, body language and such. Humans have developed a deeper and more meaningful way to communicate, though limited in some ways - it allows us to express our feelings, thoughts and emotions. Modern languages are very developed - they are molded to express the things that we feel an urge to say, the emotions that we feel, the objects that surround us. If you think about it, 150 years ago, there were no words such as "computers", "internet" or "texting someone". On the other hand, some words, which were commonly used 150 years ago, have completely disappeared, as they do not fit in today's language. Actually, most modern languages can be traced back to their origins, which usually lie in older, more archaic languages. Take French for example, have you ever pondered about its origins? It was derived from Latin, like other Latin based languages such as Spanish, Italian and Portuguese. These languages are very rich in vocabulary, intonation and variation of sounds used to construct the language. Have you ever heard someone speak French? How about its effectiveness and power? When we analyze or try to understand it, we can easily see that it has a really deep meaning, a wide array of sounds, complex grammatical structures and very strange and complex spelling. When something is said in French, though we may not understand it, most of us are compelled to learn and master it. Many people are fascinated by that language as if it includes a message that can affect people's emotions very deeply. I know many French speakers and when I listen to them, I can't help but be mesmerized by the musical sound of that strange and romantic language.

French, as most languages, includes deep emotional expressions but the rich-

ness of the vocabulary in French usually conveys deeper and richer meaning. It is also known as the language of love, as you may know, love being a very sensible thing and it invokes really deep emotions and thus, an equally rich and deep vocabulary to fully describe it. If you listen to a French song, even if you don't understand what it says, you can feel the emotions in it and if you translate the song into your language, you will most likely be amazed by the depth of the vocabulary, the overall message, as well, as how it can affect you in a really profound way. Beyond romanticism and emotions, French is also a very formal language, it can be understood that whatever is explained in this language also conveys a deep message or even life lessons, especially from songs and poetry. To illustrate, lots of documents that are in French can be found, some very old from a long gone era, it may be novels, poetry, drama or songs and so on. Most of the time, when I translate them to English or Turkish, I am always shocked at the message that is conveyed and the vocabulary that is used. It is obvious that they usually try to teach life lessons which are useful for people to grow and to ruminate about life. All in all, I can say that French literature and musical arts carry all kinds of emotions that are really deep. When we make them understandable in our own language, we will find them very effective and that we can learn a lot from the message that is given.

French is spoken in many different countries around the globe, which means it is a well-known language. The language has influenced many other cultures either via colonization or partnership with other countries and those various countries are on different continents and have completely different cultures. For example, it may be thought that French is spoken only in France, but that is inaccurate, French is spoken on different continents, such as North America, Africa, the Middle East and even in Asia! It is spoken too in other countries such as Canada, Morocco,

Tunisia, Algeria, Mali, Central Africa, The Democratic Republic of Congo, the Philippines and India to name only a few. It actually means that it is a world language. How about Turkey? Have you ever wondered about the influence of French on Turkish? Did you know that the Turkish language has almost 5000 (4974 to be exact) French words in it? French was considered a language of learning and culture. When Turkish was reformed, the influence of French and Arabic (about 6500 words from Arabic) were injected in the "new" Turkish language. Because Turkish and French have similar pronunciations for some sounds (like ö, ü and â), any Turkish person trying to learn French will have a clear advantage over other language learners in regards to pronunciation, and if s/he knows English and/or Arabic, French will be even easier (English for vocabulary and syntax, Arabic for syntax, pronunciation of the "r" and gender of nouns and adjectives). If you are planning to learn French, there are many resources that can easily be found about pretty much anything in French, though not as widespread as English. For instance, if you want to find something like music, movies, TV series, novels and books, articles, apps and such, you can find it effortlessly. It can be said that French literature has very rich sources about so many topics and most carry very rich and profound messages, though they can be very hard to understand for an A1 or A2 level French learner. Simpler and easier to understand materials are of course, available and can encourage people to learn step by step. In short, the French language is still a very important language around the world. Learning it would help you open your mind to a very old and meaningful culture and allow you to communicate with people from many countries around the world. So, if you are tempted to give it a shot, you can start with the basics and our school has many foreign students who can speak French, all of them are very friendly and willing to help.

Emir DEMİR



REBELLIOUSNESS AGAINST FAMILY

Did you know that the attitude of your children, which you complain about, is actually normal for them? There are three reasons why children rebel against their family. When you search child psychology books, you will learn that rebelliousness is a normal stage of development in: the terrible twos, prepubescent and pubescent” periods. These periods are the cause of rebelliousness against parents.

The first cause is, the terrible twos. In this period, children feel like they are equal to their parents. Therefore, children suppose that they can do whatever their parents can do. So, when their parents don't allow

them to do what they want, the situation makes children rebel against their parents in the form of a temper tantrum.

The second cause is the prepubescent period. In this period, a child's request is to do something independently. It is seen in the age range of 7-10 years old. Also, children feel they need to prove themselves to their family. To illustrate, children who study at primary school want to go to the cinema with their friends, however, parents feel anxious about allowing them to go because of their age. So, when children cannot prove themselves, they can easily rebel against their parents.

And the last cause is the pubescent period. Children start to do things

on their own and families allow their children to do some activities, such as go outside alone, etc., but with limitations because their children are not children anymore, they are now teenagers and puberty has begun. However, children still have limits. As an example, parents allow their children to go outside provided they are home by 5pm, no later. Needless to say, this permission is not enough for the children and they will want more time, but it won't happen and it will result in rebellious behaviour time and time again.

In a nutshell, rebelliousness is a normal developmental behaviour in the growing stages: the terrible twos, prepubescence, and puberty.” To be a considerate parent who has limits, is always a good choice for children and parents.

Nadin ANDERIKYAN



SUCCESS

Please stand up and try stretching your legs by 180°. I bet you cannot do it, but a footballer or another person who does sports regularly can open his legs by 180°. It is not an easy move. You have to practice a lot to do it successfully. In this case, the natural ability you are born with cannot save you and make you do it more easily. To be successful, you must work hard at it. The same principle applies to other areas.

There are exceptions of course, but with hardwork you can succeed at everything you believe in or want. We all see succesful people who are responsible, patient and hard-working. If you want to succeed in life you should not forget to practice what you enjoy doing.

The example where you try to stretch your legs by 180° is a hard move to do. It needs a lot of practice and repetition. With this kind of hard work, you will be able to do it easily.

Another example is working out at the gym. People start working out when they want be in shape and be fit. It requires patience, hard-work and a good diet. The natural abilities you are born with cannot be used in this situation. If you work hard, you can get a nice, strong body.

Indeed, hardwork is so important. It's mentioned a lot because people need to repeat something often to literally learn it. We should practice regularly in order to succeed. Natural abilities can only support success, they cannot influence as much as hard work can. Even Einstein thinks that "talent is made of 80% hardwork". Do not forget "more practice, more mastery".

Batuhan Kenan EREN

RING VS Wands

Berke Mustafa DINNER

Reading fiction is an awesome way to leave the world we live in behind us. However, there can be differences in these worlds, such as: Harry Potter and Lord of the Rings. I'd like to talk about the differences in different races, nature and languages among these worlds.

First, one difference between Harry Potter and Lord of the Rings is different races. In Harry Potter's world, Dementors are beings that feed themselves with live creatures by devouring their souls. Wizards use goblins in their banks as safe keepers and goblins have laws not to give private information about a person's account, not even to relatives. Wizards have house elves for tidying-up and cleaning their houses. On the other hand, in Lord of the Rings, high elves are immortal creatures seeking peace in their territory. Goblins are violent and perverted creatures that live in caves. Their names may be similar, but they differ in their characteristics and by how they act.

Second, the other difference is their worlds' nature. The Lord of the Rings' world has magical nature everywhere, so the world itself contains magic. Every single thing is alive and most of them are immortal.

This world has its own countries, islands and seas, which means it's a whole other world. However, for Harry Potter, it is not a full imaginary world, but a world similar to the world we are in, except it has magic in it. They use magic in one specific language and wizards from this world need to study and learn how to use the spells. Wizards have to hide from normal human beings (muggles) in order to keep their secret, which is what their true nature is. In contrast, everyone in Lord of the Rings knows who they are and live in peace, but it is vice versa in Harry Potter.

Third, there are a lot of different things between Harry Potter and Lord of the Rings in terms of language. For example, in The Lord of the Rings, every race speaks a different language and they are unique on their own, which means they have their own structure, alphabet and grammatical rules; whereas, in Harry Potter, there are two or three languages and they share the same alphabetical system.

All in all, books are our exit doors from this world. There can be differences in the beings, how their world works and the tongue they use, but I think these are the differences which make the stories unique and interesting.





Yavuz Çetin and His Tragic Life

Have you ever listened to Jimi Hendrix or the Beatles? If you still haven't, you might have heard their names, maybe? But what about Yavuz Çetin? He was one of the best guitarists in the world until he committed suicide. Though he had an immense talent in playing the guitar, he also had some psychological problems. This article is about one of the best guitarists in the world and his life - Yavuz Çetin.

He was born on September 25, 1970 in Samsun. His tough life begun since birth wherein his father, a journalist, always travelled around Turkey and couldn't take care of him. Thus, he began his interest in music even as his life went on without his dad.

His first instrument was the "cura" (a type of Turkish instrument specific to the Black Sea region) and he was only 10 when he started playing it. After becoming quite adept with the cura, he began playing the "bağlama" (another type of Turkish instrument also from the Black Sea region) and after that, he didn't do anything and just listened to it. At some point, he heard the sound of an electric guitar and he fell in love with its

amazing sound. First, he started playing the acoustic guitar in 1985 and then he started working with Hasan Cihat Örtör on the electric guitar.

When he turned 17, he began his professional music life. When he graduated from Haydarpaşa High School, he and his high school friend Ercan Saatçi won a competition which was organized by a magazine called "Hey" with a song called "I Will Cry". He was then accepted by Marmara University's Music Department. He continued playing the electric guitar throughout his university life in which he won many awards with his band "Labirent" from different competitions organized by the Yıldız Technical University. He was unable to graduate from university because of his intensive music life. In 1990, he and his friends Kerim Çaplı, Zefer Şanlı and Batu Mutlugil, whose son is from a band called "Duman", established a new band called the "Blue Blues Band". He always loved to reinterpret or cover famous blues and rock songs, especially from Jimi Hendrix. In 1997, he published his first album called "İlk" although it did not receive the credit that it deserved then. Today, people can understand its

value.

After divorcing from his wife, he started playing in a bar in Kadıköy called the "Shaft Rock - Blues & Jazz Club" but only at night. He also worked on his second album called "Satılık" which also didn't sell as expected. Those events made him seriously question and think about his talent and, consequently, his psychological problems and depression began. He started therapy after this, but it lasted only for a short time and after a while, he gave up therapy. On June 15, 2001, he committed suicide by jumping off the Boğaziçi Bridge.

All his life, he tried to give a message against popular culture and fake people, but he couldn't be understood. This affected him deeply, leading him to take his own life. Maybe this world didn't deserve him, maybe nobody could understand him at the time, but who knows? Many good musicians died young - God must love good music to reclaim their souls. I would really recommend for you to listen to his music. If you have that spirit, it will take you anywhere you want. Rest in Peace Yavuz Çetin.

Ömer Faruk SAĞUN

You Have Zero-Day to Be Hacked

When was the last time you felt like you were in cyber danger? All your information could be stolen in a flash, at any given time, leaving you totally unaware and completely exposed. Even the safest system known today has got tons of vulnerabilities; there is no such thing as a "safe system". Every single system has got vulnerabilities, some more than others and even if they are "checked" and "verified" by the most prestigious security companies and expensive software, they are still vulnerable, no one can escape the possibility of being hacked. There's a type of vulnerability called "Zero-Day" which is basically a vulnerability that no one has ever "seen" before; only the founder of that vulnerability knows about it and can use it at any given time. Tons of systems are attacked by "Zero-Day" every second, and they have no chance to escape from this because it is the undiscovered, the uncharted, the unknown.

"Zero-Day" is a newly discovered vulnerability, one that nobody has ever seen before, which obviously we cannot be protected against... If you think about it, how can you defend your body against an illness that you've never seen or experienced? It's the newest way to get into systems, to infiltrate them and cause various types of danger. For example, imagine there's a door in a system, security companies put all their effort to keep that door locked and barred. However, unexpectedly and at any given time, a "person" (aka a hacker) comes and finds out a new and innovative way to unlock the door, one that no one had ever tried before and gets "in". Only that person knows the way to break in and security companies can instantly recognize that there is an intruder in the system, as such they immediately try to close the door and lock it again. There have been many "Zero-Day" attacks so far, simultaneously from multiple places around the globe.

One of the oldest known "Zero-Day" vulnerability is a virus called Malicious Stuxnet, a computer worm discovered by Eric Chien and Liam O'Murchu who were researchers at Symantec in July 2010. Stuxnet is a worm virus that was used by the United States and Israel to disrupt Iran's nuclear activities. It seized computers and destroyed 15% of the nuclear work. For the first time in history, a worm which was able to stealthily monitor

and reprogram industrial systems was created and infiltrated in a system. The virus increased the vibration in centrifuge pipes used in uranium processing and increased the amount of metal fatigue on the pipes and caused the explosion and cracking of the pipes. According to a documentary about Stuxnet, the scrapped centrifugal parts were transported from Iran to the US and moved to the White House for President Bush who said that he would continue the Stuxnet attack based on this evidence. The transaction continued until Obama took office. Obama also had to approve of the program in 2009 after his inauguration.

Recently, the world has been rocked by a huge "Zero-Day" virus, it's a ransomware virus called "WannaCry" which targets Microsoft Windows 7. By May 2017, it had reached 230,000 computers in 99 countries. When your PC has the "WannaCry" virus, it crypts the computer's files, this attack was described as "unprecedented" by Europol. When the virus reached thousands of computer, Microsoft released an update for Windows 7 and fixed it. Although the issue was addressed via the update, countless computers today can still be hacked by this virus because users are not updating their systems for newly discovered viruses.

How are we going to save ourselves from this ominous threat? Our life has become electronic, almost everything about our identity is in the virtual world. Think about it, your private photos, videos, special moments, important notes, secrets, photocopies of your ID, bank accounts, criminal records and most importantly almost all our passwords. In case of a cyber-attack you can lose everything that defines who you are, you can have your identity stolen, your bank account drained, your credit record destroyed... We need to be more careful about it, we might consider carrying a notebook with us since keeping physical record is much more secure; we need to print our important data. And even if we keep our important data out of the cyber world, some companies and government still has it all online.

The Information Technology is becoming more and



Altan ACUN

more complex as computer systems find applications on almost every platform, this increases the likelihood of cyber-attacks. Many companies try to control known threats with signature-based security tools such as IDS/IPS, vulnerability scanning tools, anti-malware and anti-viruses. However, the danger of an inadvertently developed application by an internal software developer such as "Zero-Day" can't be detected by these traditional methods. In the process of detecting and preventing the "Zero-Day" vulnerabilities, the analysis of the operation is primordial, not only the event records. Experts emphasize that the most useful method for detecting "Zero-Day" vulnerabilities is behaviour-based analysis tools which allow the administrators to quickly detect abnormal behaviours in the systems. Behaviour based analysis tools use the "Hidden Markov Model" and a client honeypot system.

In conclusion, something can happen at any time which means that we must always be cautious. The slightest cyber-attack can cause a country to lose everything, from small pieces of information to warfare secrets, leaving the country vulnerable against other countries. If we can't protect ourselves, we can't protect our country and if no country can protect themselves then they can't protect the world.



Causes And Effects of Racism on the Human Relationship

Racism is still a big deal all around the world even though we don't accept the fact that we are familiar with racism and can experience it on a daily basis. People tend to ignore the truth that racism still exists although being segregated by black and White when commuting in the bus just like in the '60s, in the U.S.A. doesn't happen anymore. Malcolm X described racism with these words "Racism is not an ideology, it's a mental illness, indeed" Not only do the reasons of this hot issue manifest themselves in the world's agenda, but its effects also occupy people's minds all over the world.

One of the major reasons of racism is massive ignorance. People are prone to refuse something that they don't have any knowledge about. If someone tries to know other cultures, read books a lot, and if given an opportunity to travel, that person becomes aware of other cultures and may love and cherish others. For these reasons, I believe that lack of education provokes racism.

People who are exposed to racism are forced to be isolated from others. It's a huge pressure on both individuals and societies. Its consequences can be irreversible. For instance, some people are labeled or accused about illegal actions in some parts of the world just because of their ethnic or racial backgrounds, but it's just a stigma which was developed unconsciously. Unfortunately, in the past, segregation was practiced by some governments in some countries such as South Africa and even though it's not proven, in the USA. For example, a man got shot just because he refused to leave his car even he did not do anything wrong except being different from the majority. I believe that treating people in an unjust way is one of the principal causes that build a chaotic atmosphere with fatal results.

Moreover, racism leads people to hate one another based on their skin color, It promotes hate and violence. World peace can't be maintained due to this. It leads people to fight against each other. People can't live their lives peacefully while racism still exists because it will probably make you paranoid. For instance, someone who is biased toward a race around them can't feel safe while co-existing with them. For these reasons, I believe that racism is something poisonous which destroys our peace and humanity.

In conclusion, racism is harmful to people all around the world and it shouldn't be promoted. People should be educated about the harm racism causes and the bad effects it has brought onto people from the beginning should be exposed and discussed.

Irem Çiğdem ÇINAR

BEYOND HUMAN MOTIVES

What would you do if you were invisible? In his book *The Republic Book II*, Plato tells the legend of the ring of Gyges, he asks us to imagine an honourable man who is given a ring which makes him invisible. Once he has the power of the ring, would the man act unjustly with no fear of any consequences? Plato claims no one can deny that even the most equitable man would behave unjustly if he had this ring. This tale proves that people are only honourable because they are afraid of punishment for injustice. No one is equitable because it is desirable in itself.

This makes us wonder about the horrible actions we might commit if there weren't any rules. So, are we selfish creatures, is selfishness our natural character that we can't change? The English philosopher Thomas Hobbes says "humans are by nature selfish, destructive and unprincipled." According to Hobbes' philosophy, Gyges' actions were natural actions, he also thinks that Gyges returned to his selfish nature. Therefore, he believes if humans had lived without rules to prevent causing harm to each other, it would be as he declared: "war of all against all." However, humans should be more intelligent, there must be a way to save us and assure our survival from our selfishness, and here come the social contracts. The idea of the social contract was great, if you disobey

the rules, you will get punished. It's a written contract that we agree to and we can still behave within our selfish nature. Almost everything is based on social contracts from trade to constitution, even religions. For example, in Buddhism there is Karma, Christianity dictates: "You shall love your neighbour as yourself." In Islam, The Prophet said, "None of you will have faith until he wishes for his (Muslim) brother what he likes for himself". That means religions give high importance to Altruism. All this is for humanity to overcome its selfishness.

Altruism is the willingness to do things that bring advantages to others, even if it results in one's disadvantage. The French philosopher Auguste Comte says "vivre pour autrui (living for others)." According to his concept of Altruism, a person should not just consider others' needs ahead of his, he also adds, when he does a favour for others, he shouldn't get any benefit from it. Some philosophers ask a pretty interesting question: "Is Altruism really an unselfish behaviour?" Let's say you are in a social contract, you obey the rules just because you are afraid of punishment and you want to avoid getting harmed by others. You do this only for your benefit, you try to avoid harming others or being respectful, but not because you care about them. It's called "Psychological

Egoism" which is a theory that claims, all our actions are basically motivated by self-interest and selfishness, even for those which seem to be selfless acts of altruism. Some say there are a lot of things we do without getting any benefit from, like donating money to charities, helping people in need, to name a few. Researchers did an experiment in 2006, they gave some people 128 US dollars and they gave them two options: they can give this money to a charity or save it. The researchers were constantly observing the changes in the participants' brain and they came to the conclusion that, participants who chose to give the money to charity, an area in their brains got activated and it is the area responsible for giving pleasure in the human brain. That means, even the most ethical and generous actions can be selfish acts.

All in all, humans are complicated creatures, their actions motivated by their instincts and one of those instincts is selfishness, whether we like it or not we are selfish and we should be. As Russian-American philosopher Ayn Rand says: "To redeem both man and morality, it is the concept of (selfishness) that one has to redeem." The question is what should be the extent of our selfishness? Where is the certain point that once we reach, would stop us from acting selfishly?

Jawad ALSHAKEL



EFFECTS OF ILLITERACY

No one wants to be illiterate by choice. Illiteracy is a big problem for countries and the society. Every person should have learned the basic knowledge of reading and writing. Literacy has great effects on a country's success with multiple effects in different areas. It affects the development of a country, families and crime rate leading to crime.

Firstly, illiterate people cannot join the country's development and progress. They do not have education or training and lack the necessary basic skills to get a job. For these reasons, they have to work in jobs that do not require lots of skills including reading and writing. With those jobs they cannot join the progress and development of the country.

Secondly, illiterate people affect their family and society. They cannot help in their children's homework. They need someone to look after them throughout their entire life. Illiterate people cannot travel freely and cannot issue a driving license because they cannot recognize the traffic signs and symbols. They can neither read books nor newspapers so they learn everything about the world from their families or friends.

Another effect of illiteracy is increasing crime rates. Illiterate people cannot read pages of written rules of the society. So, for them, laws are meaningless. This sometimes make them criminals by accident. For example, they do not know that making a lot of noise or fighting with others is against the law, so they break the laws for disorderly behaviour.

In a nutshell, as you can see literacy has so many negative effects, such as effecting the development of a country, society, their families and finally effecting the crime rates in the country.

Tolga ÖZDEMİR

LOVE

Have you ever loved someone? Most of you will say "yes". Every person falls in love in their lives. It can be with your school friend, your teacher or your neighbour. But, I don't mean a six months or two months relationship, I am talking about real love. Real love is not the same as the love you watch on TV or in the movies. So, I ask again, have you ever loved someone?

When we were kids, we weren't able to understand real love. We only said, "I love Alice", but despite what we said, we didn't know love. As we grow up, our thoughts and ideas about love changes. We start to understand and realize different things. When we become teens, things get more complicated and confusing. We start to feel real feelings and we start paying attention to the opposite sex and love. At least, that's what we think it is.

Secondly, there is a very common problem which is the question, "what is love?" Even singers have made songs about it. Love's meaning is as deep as the ocean. The only way to understand love

is to feel it. You have to fall in love to describe or give a name to it. Do you really think love is going to be that easy? I don't think so. If you truly love someone, it means you accept living with that person until you die. Therefore, you have to find the perfect person for you. The most crucial thing is that you both understand, like, trust, respect and love each other.

In conclusion, we have to try to make our relationship work even though it is difficult to define love. You have to find the right person for you. You have to feel safe when you are with them. You have to honestly discuss any problems you may have and you shouldn't hurt each other. You have to feel happy when you spend time with them. You have to forget the whole world and stop concentrating on your problems when you are with the other person. You have to know there will always be a person who supports and loves you. When you are with that person, with whom you can do and feel all of



these things, you will be the most satisfied person in the world. It is not easily explainable because you have to experience it. Now please tell me, have you ever loved someone?

Batuhan Kenan EREN

Finding Yourself

How well do you know yourself? Do you know yourself exactly? If you said yes, that means you've had the longest and most important adventure of your life - trying to find who you are. If you haven't yet, you should know that finding the real you is not easy but it will all be worth it when you do because it is an enlightening and fulfilling experience. The journey ahead will have its own challenges and certain steps must be completed in order to get to know the real you.

In order to be the most valuable person that we can possibly be, especially for the people around us, we have to know first who we are, what we value and what our goals are. Every individual has their own goals. So we should know first what we can do and we have to focus

on our goals. In other words, we need to take control of our lives and start to have responsibilities.

Also, one should learn to believe in themselves and trust their own feelings. If you believe in yourself enough, you don't have to explain yourself to others. Fulfill only what your expectations are. Keep in mind that living up to other people's expectations, instead of your own, will only harm you. Focus on yourself, what you want and remember that your aim is finding yourself in the true way. Another thing, be patient with yourself, everything should be done step by step. You have to have your own courage and will have to keep going. Everything will come true in time. Apart from that, don't be afraid of trying new things. This develops you and helps to find the real you.

Your goals and new things

will merge with each other.

Thanks to that, you can reach

the point of finding yourself.

One final point, don't listen

to anyone's negativity. Anyone can talk about you. This is so trivial if they are negative. There is no need to be appreciated by someone and to expect anything from anyone. When you do something successfully, you should appreciate yourself even if it is not good for the others.

All things considered, we should have our own courage to start something. We should do things our way, not someone else's. Then, we should attain our goals with our own schedule and pace, as well as in our own way. Nobody says finding ourselves is easy, but it is beneficial for us in the end. One thing is for sure when you find yourself, you can accomplish whatever you want. Anyone who knows themselves can succeed at everything. If you follow these steps carefully and devote yourself as much as you can, you will reach your goals. Finding yourself is the turning point of your life. It may be hard, but as the old saying goes, "No pain, no gain."

Şevin BAYCAN



PARENTING

Azal OMAR

Do you think you have great parents? Actually, many do, but there are some people who do not. Some of us look for respect from our parents, others look for care and affection. But even if our parents do not give us what we really need, we cannot say that our parents do not care for us. My parents did not give me all that I needed, but they gave those things that I did not realize were so crucial when I was young. The most important things that a child needs from their parents are support, love and attention.

First of all, children need strong and stable environments to make them creative and productive people in society. For example, if the child cleans their room, you can give them some good words of praise, like "You are always surprising me. That is great work!" These two short sentences can be very effective in encouraging the child to be helpful and also in making them proud. Moreover, parents should be careful about their actions in front of their children. Children can sense and

understand whether their parents tell the truth or not. For example, when your child draws something and shows it to you, do not just say that it is good. You have to kiss or hug them and put it on the refrigerator door. When the child sees that you have done this, it will absolutely will make him/her feel supported. No one can do this better for the children than their parents.

Secondly, we need love from our parents. You might say, "No one hates their children," but there are some who do not love or give enough love to their children. For example, as parents, we should take care about what our children love. We should take them out to play. Some parents do not do that because they are afraid of losing them or are lazy about taking care of them. But we cannot be with our children constantly, so we also have to make sure they are safe and protected if we are not around. Furthermore, a parents' love is more important than any other love. It is like a very powerful energy. A boyfriend or girlfriend can hurt your heart, but parents

will not. Even if they hurt their children's hearts, they will try to fix it later because they are the only ones who understand us much better because they are raising us. When something bad happens, they are the first to know about it and try to help. There's a saying that goes, "no one for one, but our parents are always number one".

Finally, one of the most important things that parents must give their children is attention. We know that our parents are busy at work to make our lives better, but we also need some attention. I have a friend who has not seen her mother for two years because of her job in Italy. My friend could not live there and when she travelled to visit her mom, she could not see her everyday. Attention is what we need. I do not want my mom to buy me things, I want without asking me why and when - I want her to speak with me and have conversations about these things. I want her to know how I think and how she does as well. Attention has a very



big effect on children.

Having children is what many adults want when they settle down, but are we ready to be a deep and major part of their hearts and minds? Are we going to work hard to be their parents and friends? Support, love and attention are the most important things we can give and offer to have a strong bond with them.

The Foreigners Living in Turkey

Have you ever wondered how your life would be in a country that you have little or no idea about? Moving to a new country might be a challenging and hard decision. You leave all you have behind, all that you're used to in your life like your family, friends, and neighborhood. The country you decide to move to is likely to be different from yours, therefore you might find yourself having difficulty processing all the things that are new to you.

There are many countries that attract foreigners for some reasons like job opportunities, education, living standards or even love. Turkey has proven to be one of those countries. Especially over the last 20 years, Turkey has become a popular tourist destination, an ideal expat haven and a convenient choice for education. In addition, Turkey is home to a various ethnicities, cultures and beliefs, which creates a diverse and multi-cultural place to experience. For foreigners, it could be a pleasant experience to live in Turkey, but it also might bring several challenges for them.

By choosing to live in a foreign country, you are accepting a great change in your life. Living in Turkey as a foreigner is no exception. There are over 210.000 foreigners living in Turkey as of today and as many newcomers might have experienced how things are different here as Turkey's culture has its own characteristics. The longer you live here, the more you realize the differences and that you should adapt in order to make a living. Speaking of differences, the most diverse points that stand out would probably be the crowds, daily life and tradition.

Nowadays, Turkey attracts more and more people who want to work or study abroad. However, there are certain matters that might challenge newcomers. Majority of international students in our school have experienced similar issues such as the language barrier, cultural adaptation, challenges in daily life such as using public transportation. The most common issue is obviously the language barrier. The reason for this issue is that Turkish people either don't speak English very well or simply are not willing because people here don't speak English much. That's why, language might be the first difficulty for every foreigner.

Another reason is the culture itself. Our culture might seem a bit strange for them. For example, our weddings are wild especially if you are from Eastern Turkey. Some traditional dance types like "horon, halay, and misket" are funny to watch but not to take part in. Furthermore, if a foreigner sees such things, it probably will have a shock effect on that person.

Another issue is about daily life. Istanbul, a metropolitan city, has so many difficult issues in daily life. For instance, Istanbul has various options of public transportation which make it easier to travel around the city. However, it can also be a bit difficult because of the heavy crowds. The best example of it would be the fact that most foreigners feel quite shocked and perhaps even overwhelmed during their first metrobus journey. It is definitely a unique experience.

To give you more information about this, I interviewed one of our teachers in school, Mr. Timothy Sinnett, who has been living here for almost one year now. I really enjoyed my interview with him. He said that Turkey opened a new page in his life. I've asked him a few questions about his new life here in our country and the challenges he's faced so far.

1. Why did you choose Turkey among all the other countries?

Actually, that was a pretty easy decision for me, I was living in Busan, South Korea teaching English. When I was there, I met my wife who is Turkish. She was travelling around the world and I was an English teacher. After that, we got married and moved to Turkey. So it was easy for me to decide to start living here.

2. What was your first impression and has it changed? How?

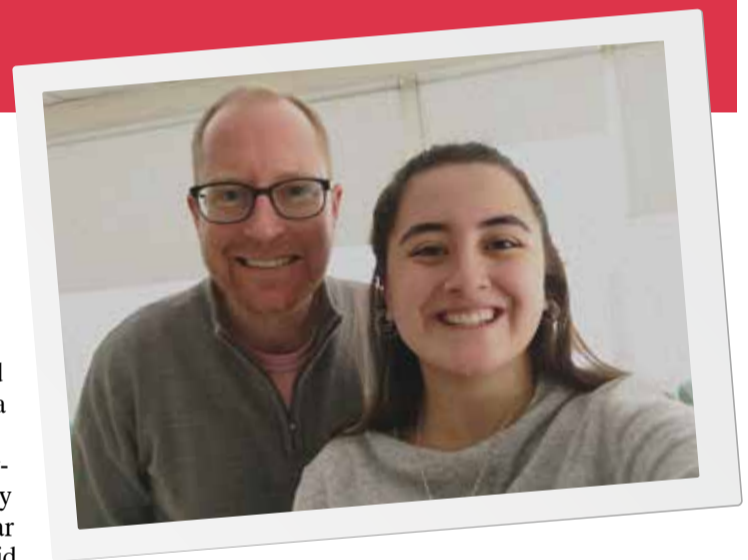
I didn't know many things about Turkey. My first impression about Turkey was related to touristic places such as Fethiye, Bodrum, Kuşadası, the beautiful beaches and the crowds. I really like the places in the Aegean Region of Turkey. I also saw that so many tourists choose to spend their holidays there. But my impression wasn't different before I came here, so it didn't change at all.

3. Do you think about settling down in Turkey?

Yes, I am thinking about settling down in Turkey because my job and my wife are here.

4. Have you had any culture shock? Can you give me some examples? How was it in your country?

Many different things happened. For example, on traditional holidays like Eid. I think it's a very interesting feast. In my country we also have something like this so it doesn't seem so different to me in here. Another thing is the traffic. Everywhere in Istanbul is full of traffic and this



might be problematic for me but I am getting used to it.

5. What are the difficulties in your daily life?

Well as so many foreigners living here, I have some too. In my daily life, usually public transportation is difficult for me because there is a lot of traffic here. Public transportation vehicles are also a bit crowded but it is okay because I am trying to get used to it. Also, communication and money creates difficulty for me and I have a lot of experience on these. For example, I might get overcharged by the sellers because I'm a foreigner and they might try to get more money from me. That is a big problem for me.

6. Tell me 3 things you've loved about Turkey?

The 3 things I've loved about Turkey are the people, the food and nature.

7. Is there something that is so difficult that you couldn't get used to it?

No, I think I am adaptable enough and maybe I'm still trying to get used to it.

To sum up, despite its challenges and differences, Turkey has so much to offer for newcomers. Many, once they get here, choose to stay whether it is for a job or a loved one or simply for the food itself. Everything in life is a learning opportunity and it is a very crucial part of your overall experience living here. Living in a foreign country, especially Turkey, might create big opportunities for you, and this country will open a new page in your life. You will get through the challenges you may face and day by day, you will find yourself overcoming them. In the end, this place will be a part of you, perhaps you will feel like it's home.

Özge KILIÇARSLAN



FASCINATING COLORS

Have you ever considered how a rainbow is formed? Rainbows have made us happy since our childhood. When we see them, we immediately try to take several photos. They give peace and happiness to all people, but especially to children. Of course, there is a story of this amazing and colourful beauty. Throughout history, we have heard plenty of stories about a rainbow's formation. Some of them are correct, some are not. There are also many superstitions and countless legends about rainbows. Although there are old and incorrect beliefs, there is a scientific explanation. We can explain the formation of this beauty with science and meteorology. Rainbows occur when the air brightens up after it rains. Of course, there is a more logical and scientific explanation for this phenomenon. The explanation is that a rainbow is created when the sun's rays pass through rain and foggy clouds and are refracted (bent). At the same time, its shape is that of a semicircle and has several colours. This is how we can see this amazing view. The sun's rays are required for this to happen. Most of us when we were kids, tried to run to get closer to the rainbows that we saw. Unfortunately we couldn't. Despite our best efforts, the distance between us and rainbows is always the same because it is an optical reflection, meaning it hasn't got a specific location.

There are a variety of colours in a rainbow. In spite of the variety, we usually see seven wonderful colours. They are: red, orange, yellow, green, blue, navy blue and purple. Each of these colours express different meanings to different people. Maybe one of them is our favorite colour or maybe, it literally expresses us. That's why we are immediately and positively affected by rainbows when we see them, but there is a point to remember. If we want to see the beauty and perfection of the amazing rainbow, we must be patient and wait until the rain stops.

Aycan Gizem SADE

FICTIONAL DETECTIVE OR THE REAL DEAL

Fictional detective Sherlock Holmes emerged in London on the 6th of October 1854, created by Sir Arthur Conan Doyle. After it was released, a lot of people started to think that he actually existed, that there could actually be a real person like Sherlock Holmes. Different people from different backgrounds such as psychology, sociology, forensic medicine and so forth have been working to understand what makes Sherlock Holmes Sherlock Holmes. According to researches, Sherlock Holmes was real, but he was not exactly like the Sherlock Holmes that we know, in the sense of a criminal investigator. The author of Sherlock Holmes, Sir Arthur Conan Doyle, was a medicine student at the University of Edinburgh Medical School. In 1877, he met one of his professors Dr. Joseph Bell who was a very famous doctor for that era. Bell was using some different methods in order to examine, monitor and diagnose his patients. He tried to understand the status of his patients in different and innovative ways such as analysing their jobs, languages, trips to only name a few. For their jobs, he mostly relied on observing their hands since he knew that calluses and marks would show what kind of work, profession or hobby they were doing. He also observed the movements of patients. For instance, the walk of a sailor varied vastly from that of a soldier. If a person was identified as a sailor, he would then look for other signs to confirm his hypothesis, signs such as tattoos that a sailor would normally have and by doing this, he could also infer where that person had travelled to for example. Also, he trained himself to understand the small differences between all different accents to understand where patients were from and how to treat them better. These ingenious ways of deducing and analysing small details to get the big picture inspired Doyle to bring Sherlock Holmes to life in the literary world. After writing Sherlock Holmes' adventures for the Strand magazine, the intense interest for Sherlock Holmes somehow irritated Sir Conan Doyle because he had opened a clinic in London and "nobody came there", thus he was going to write instead of practicing medicine.



Despite the immense success of his writing, he decided to kill Sherlock Holmes, he depicted that Sherlock Holmes died because he fell from a waterfall. After writing that, people began rioting because of Sherlock Holmes' death, even the English Royal Family sent him a written note saying "Sherlock Holmes shouldn't die" and so he changed the story and declared that the person who died was not Sherlock Holmes but a thief who had stolen Sherlock Holmes' clothes and fell from a waterfall. Here are 3 tips you can use to think and see life like Sherlock Holmes, the 3 rules of the "Art of Making Inference".

1- Writing: Sherlock Holmes always carried a pen and paper with him. So that when he thought about something relevant, he could write it down in order not to forget it. Ideas are free, they can come and go. When you catch them, if you find a chance to write, this can prevent you from forgetting them and use them when you need to. Also, you can compare your ideas with your notes when you cannot be sure about what you want to do.

2-Observing: This is the most important thing that you can do to become an acute observer and have strong insight just like Sherlock Holmes. To do so, you ought to constantly try to be fully aware of your surroundings, namely people, objects, events, sounds and such. Try to understand their emotions from their faces, mood from

their intonations. Try to identify what they are thinking of, from the words that they use. Focus on little details that most people do not pay much attention to because these things will provide you with the kind of subtle information that you need to reach a general consensus about people.

3-Exiting from Events: Sherlock Holmes was a major dreamer. This talent allowed him to solve problems in different ways that people did not expect. His talent was not inherent, he developed it overtime with practice, observation and perseverance. One of the best ways Sherlock Holmes behaved when facing an event was to look at it from the outside, to get an external perspective. When Sherlock Holmes faced an event, he moved one step backward in order to see everything from the outside. Therefore, in life, when you need to solve something that you cannot deal with or that overwhelms you, try to move one step back and observe it without any pre-conceived thoughts that you may have while you are trying to solve it.

Sir Arthur Conan Doyle also followed the 5th tip while writing his books and creating the stories and character. In Sherlock Holmes' books, you can see that the events are told by Dr Watson who was Sherlock Holmes' roommate and always observed Sherlock Holmes and tried to guess the methods that Sherlock Holmes was going to use. So, from here, we can understand that Dr Watson represented Doyle and Sherlock Holmes was his teacher, Dr Bell. In order to observe and produce new ideas, Doyle preferred that Dr Watson would be the person to tell the stories about Sherlock Holmes. This was the reflection of reality as well. We know that Dr Bell was the inspiration that brought the idea of Sherlock Holmes to Doyle. So today, with these simple yet effective methods, a lot of different people who are interested in enigmatic cases can have a better chance at solving them. So, thanks to Sir Arthur Conan Doyle for providing us with these ideas and a person like Sherlock Holmes whom people love and admire. Hope to see you with good violin sounds at Baker Street.

Emre ERDİN

THE BLACK HOLE



Umut ASLAN

Black holes are like star deaths. If a star which is bigger than the sun bursts, it can become a black hole. Then how does this happen? If there was a black hole in our galaxy, what would be in the world? Actually, most people don't know anything about black holes. Black holes can eat anything, even the sun. That is not a joke.

Firstly, black holes were discovered in the 18th century, but nobody knew it was a black hole, so they passed it and then scientists rediscovered it in the 20th century. They used Einstein's theory. The first observation was done by the Uhuru satellite in 1971. However, the first term to define a black hole was in 1960s. American physicist, Kip Thorne used it.

The black hole, nearest to the world is 1600 millions of light years away. Its name is V4641 Sagittarii. At first we thought it was very close, but the universe is bigger than we first believed, so it is actually very far away. According to new research, the V4641 Sagittarii is 20 light years away from us.

Scientists took a photo of the black hole for the first time. The black hole is 40 billion kms in diameter. Scientists call it a monster. They used eight telescopes to take a photo of it and the photos were published in The Astrophysical Journal Letters. The first suggestion was made by Professor Heino Falcke. Falcke said that "This black hole is like a heavyweight, it is a monster."

SCHOOL ACTIVITIES

IN-SCHOOL DEBATES Irene Anastacio

Throughout the second weeks of March and May, the conference hall was abuzz with excitement and anticipation over debates among the B-level classes (in Track 3) and the A-level classes (in Track 4). This excited energy extended itself to the Orange Hall at the Florya campus for the Non Degree classes at both levels.

A and B level classes debated various topics like whether money created more opportunities than love, or which mattered more to succeed - luck or hard work. Issues like artificial intelligence, nuclear energy, and cloning were also debated on.

The debates have been an ongoing activity and program at IAU's English Preparatory School encouraging students to discuss a wide range of issues and learn how to develop an argument, how to weigh evidence and rebut counter-arguments, gain critical thinking skills, and present and debate before a wider school audience. The debate teams at both levels have certainly shown they were up to the challenging task. As our school director Dr. Neçmiye Karataş stated in her welcome remarks, "All our debaters are already winners!"



FEEDING THE FOREST DOGS Neslihan Yükselici

We were as joyous as children at the "FOREST DOG FEEDING EVENT" organised by our Culture and Environment Club on 24 January, during school break. Teachers and students gathered at school early in the morning to go to Beykoz Forest with a school bus and join the Hıysuz İhtiyar team to go dog feeding.

As soon as the event was announced students and teachers collected money to buy food for the dogs and when we went that day we had a total of 150 kilograms dry food for the dogs. We learned that dogs feel cold in the winter season and eat more to keep warm. Hıysuz İhtiyar team had prepared pasta with meat for the dogs which we helped distribute and put the dry food in their kennels so they could eat them later when they were hungry. As we were feeding them we also had a great time playing with the dogs. Teachers and students who could not join us that day kindly bought us dry food so we could take it with us for the dogs. Thank you everyone for coming with us and helping us take more food with your contributions although you could not be with us.



INTERNATIONAL STUDENTS DAY

On the 18th of April, the very first International Students Day at IAU's English Preparatory School was held. Much like its counterpart in the main campus, the festival was full of color, music, food and much more. Many countries were featured like Afghanistan, Yemen, Syria, Jordan, Palestine, Morocco, Mali, Tunisia and even Japan! The festival started in the early afternoon with Afghanistan opening the event with a beautiful poem written by Rumi and read in its original language.

While it was rehearsed, the audience was astonished to see 2 Dervish performing for their delight. After a short informational video about Afghanistan, Syria took over the stage and performed a traditional dance and everyone joined in! Mali and Central African Republic also took over the stage for a dance performance. Our friends from Yemen then took over and presented interesting facts about their country. Finally, our Afghani friends closed the staged event with a small fashion show and a traditional dance.

From the booths, we could see all the traditional costumes of Mali, Yemen, Morocco and more. For those who were hungry, we had delicious dates from Morocco, fresh baklava from Syria, aromatic coffee from Yemen and even a special challenge from Japan! Our friend Amiru offered Gummy bears to all who wanted but with a challenge; you had to use chop sticks! The colorful table tops from all countries; the red and white from Tunisia, the green, yellow and red from Mali, only to name a few, all contributed to the diversity and cultural exchanges that happened on that day! The event was a real success, opening the way for years to come. Our thanks to all the students who were involved, the organizers, Joey and Sara Hoca and our school director, Dr. Neçmiye Karatas.

Joey GUERTIN

KAHOOT!!! TOURNAMENTS

This year again a very challenging Kahoot tournament was organized among A groups. There were so many students attending as participants as well as spectators, supporting their classmates. The genre of the questions varied from cultural topics, technology, entertainment to general English knowledge.

Irene Anastacio



AYDIN *Young* PENS



What Happened?

Going Back in Time Around the World in May



Metehan KINIK

May 1: -World War 2 ended (1945) -Illuminati was founded by Adam Weishaupt (1776) -Labor Day (1886)	May 2: -The European Central Bank was established in Brussels (1998) -Katerina, Russian Czarist was born in 1729	May 3: -Christopher Columbus first saw a piece of land at the end of his journey; it will then be called Jamaica (1494) -James Brown, American singer was born in 1933	May 4: -Mahatma Gandhi was arrested by the British (1930) -The construction of the Panama Canal began (1904)	May 5: -Kublai Khan became the Mongol Emperor (1260) -Napoleon Bonaparte, French commander died in exile (1821)
May 6: -During a trip to Syria, Pope John II visited a mosque. He was the first Pope to set foot in a mosque (2001) -The Eiffel Tower opened to visitors (1889)	May 7: -The Hagia Sophia dome collapsed. Justinian I gave the order to repair it (558) -Beethoven presented the 9th Symphony in Vienna for the first time (1824)	May 8: -The Atlantic chemist and pharmacist John S. Pemberton invented Coca-Cola, the most famous drink in the world, in Georgia, USA (1886)	May 9: -Benito Mussolini declared the Fascist Empire of Italy (1939) -Mother's Day was celebrated for the first time in Turkey (1955)	May10: -II. In World War II, Winston Churchill was appointed Prime Minister of the United Kingdom (1940)
May11: -Constantinople (Istanbul) became the official capital of the Roman Empire (330) -Israel joined the United Nations organization (1949)	May12: -Florence Nightingale, the founder of modern nursing, was born in Florence, Italy. She was called "Lambalı Kadın".	May13: -UK Prime Minister Winston Churchill made his famous speech (1940) -Pope Jean Paul II was shot and wounded in Rome by Mehmet Ali Agca (1981)	May14: -Edward Jenner applied the first flower vaccine (1796) -British dominance in Palestine ended and Israel declared its independence (1948)	May15: -Walt Disney's Mickey Mouse is released in 1928. -McDonald's was founded in America (1940) -The Soviet Union launched the Sputnik3 (1958)
May16: -XVI. Louis and Marie Antoinette got married (1770) - The Academy Awards were first introduced in Hollywood, California (1929)	May17: -II. In World War II, German troops invaded Belgium and entered Brussels (1940) - Galatasaray was the first Turkish football team to win the UEFA Cup in Europe (2000)	May18: -Omar Khayyam, Iranian poet, philosopher, mathematician and first user of Binomial expansion was born in 1048	May19: -Mustafa Kemal Pasha as the 9th Army Inspector, set foot in Samsun and started the National Turkish Movement (1919)	May20: -Turkish Airlines was founded in 1933. - Amelia Earhart became the first woman to fly alone and through the Atlantic Ocean in 1937
May21: -FIFA (International Federation of Football Associations) was founded in Paris in 1904.	May22: -Assassination attempt on Saladin in Aleppo (1176) -Microsoft released Windows 3.0 (1990)	May23: -Women's participation in meetings in France was banned in 1795 - The Turkish Citizenship Law was adopted and lodges and madrasas were closed (1928)	May24: -The Seljuk Turkish Empire was founded in 1040 -The 14-year-old Brooklyn Bridge in New York was opened to traffic (1883)	May25: -Turkey, also paid the last installment of the Ottoman debt in 1954 -Mikhail Gorbachev became the President of the Soviet Union (1989)
May26: -The first elevator of the Eiffel Tower opened to the public in 1889 -Atatürk left Ankara for the last time (1938)	May27: - In San Francisco, California, a plague epidemic began (1907) -The German battleship Bismarck was sunk by the British Royal Navy (1941)	May28: -Ottoman feminists founded the Ottoman Defense of Rights Association to defend women's rights (1913) -Scientist Thomas Edison created the battery (1902)	May29: -The Ottoman Sultan Fatih Sultan Mehmet conquered Istanbul and ended the Eastern Roman (Byzantine) Empire. For many historians, the Conquest of Istanbul is the end of the Middle Ages (1453)	May30: -Fatih Sultan Mehmet founded Istanbul University (1453) -Jeanne d'Arc was tried for witchcraft and burned in 1431.

TELEPATHY

Telepathy is the most important topic in parapsychology. I'm really into parapsychology, so I want to write about this topic. I'm sure everybody heard it before because nowadays, telepathy is becoming more and more popular. People are talking, writing, reading, and shooting videos on Youtube and they generally ask how they can telepathize or wonder if telepathy is for real.

I want to give an example. You think about your friend. You wonder what he or she is doing and then after some time, your friend calls you or you come across your friend outside and you think, "I just thought about you a few minutes ago." So it's telepathy.

Actually, people telepathize without realizing it. The most certain example is between a mother and her children. If a child feels bad or if something bad happens to a child, its mother immediately feels it. I could give you a dozen more examples just like these.

The definition of telepathy is the ability to transmit words, emotions or images to someone else's mind. Have you ever found yourself thinking about someone you wouldn't normally think of?

Telepathy is a kind of communication with brain signals. While people are thinking, their brain is diffusing signals. General knowledge is this signal, and energy travels through your third eye (chakra), which is located in-between your two eyebrows. People have several energy transference centres (chakras) and signals are forwarded to the person with whom you wish to converse a telepathic message. People form energy, so of course we forward our energy to each other. Our energy and brain signals take the form of an image and opinion.

If you want to telepathize, you have to concentrate. You should go to a quiet place and think about who you want to send a message to and what you want to say or what you want to do. I think you should practice it with a close friend or your mother because if you're close to the person, you can easily telepathize. The simplest example is, think about a number and imagine the number in your mind. Consciously think about sending that number to your mother or friend's brain and imagine that they can see it.

Experts have said: "Everyone can telepathize, but this ability gets rusted if it's not used for a long time." Actually this topic sounds so complicated, but it's also so important in parapsychology. I hope you're interested in my article and I think you should try to telepathize. Who knows maybe you have the ability?

Elif KOCABAŞ

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PLEASE NOTE THAT THE PREVIOUS ISSUE OF AYDIN YOUNG PENS INCORRECTLY STATED THE AUTHOR OF "WE DON'T WANT TO SEE YOUR FAKE BODIES". THE AUTHOR'S CORRECT NAME IS YUNUS EMRE TÜFEKÇİ.