

TED SEPTEMBER 2 SECONDARY ENGLISH ILBC
MAING



Unit 5 Moments and Memories



I was tidying up my room when I found a picture from my childhood under my desk. In the picture, the little girl in the red shirt is my sister and the baby in her hands was me. You might think it's just a cute picture of two innocent kids but actually no 💀 my sister hated me a lot when I was young. She was fake smiling for the photoshoot. However, she is my one and only sister. We quarrel a lot but now she loves me and I love her, too. A photo can be full of moments and memories. When I saw this photo, it reminds me of my childhood which was full of fun and happiness. I wish I could be younger again.

Most of us like to use social media nowadays during their leisure time. Once in a while a video or a trend would go viral and over time people will forget about it. The following are my list of things that makes videos go viral.

I think the first thing that attracts us to some YouTube video is thumbnail and title. As we usually scroll through You Tube, we see some very high-quality thumbnail and a catchy title, it would definitely make us want to watch that video.

The next thing I notice is that if you post a video that becomes a hit, people start to notice you. The people will assume that you make this kind of video. One thing you must know is when this happens, do not change topics.

Casey Niestat said, "Edit is everything". If your video is good but you have really bad editing skill, people will click the video but they will stop watching in 5 seconds. One more important thing in your editing is to have your own style as we mostly notice the youtuber and their video style together. You also have to remember is "always use the same style."

Moreover, all viral videos share in common is that they are very random. Who would ever think that having common sense can make you the second most liked tik toker on the planet? The topic of the last viral thing is a completely different topic than the most viral stuff now.

All in all, everybody has what it takes to become an influencer so give it a try. If you ever make a video, just keep in mind about these facts. If there is a new viral stuff just check and see if they are true. Please Subscribe my channel at Neighbour Cracker on YouTube.

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Project: Researching a video that went Viral

Kevin Allocca introduced to us why videos go viral. A video can go viral by a tastemaker influencing others, a community creating remixes and memes of it or it can go viral unexpectedly. Some viral videos make us laugh because the video is funny such as remixing it or making memes of it. Tastemakers can make videos not popular viral by influencing others to watch it. However, it's not always the case sometimes as videos can go viral unexpectedly. A video can go viral because of either the video is from a big YouTube channel, the video is influenced by a tastemaker and shares it to a larger audience. Famous people make blogs about the video, the video is remixed over and over by a global community or the viewers just find the video fascinating.

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A robot is a machine that gathers information about its environment and use that information and any pre programmed instructions to complete tasks. Robots are controlled using coding (computer programming) to outline specific instructions and ranges of actions. These tasks could be very specific set of movements. Complex instructions allow the robot to actually learn how to respond in varieties of situations.

Robotics technology influences every aspect of work and home. Robots have the potential to positively transform lives and work practices, raise efficiency and provide enhanced levels of service. Robots eliminate dangerous jobs for us humans since they are capable of working in hazardous environments. They can handle lifting heavy loads, toxic substances and repetitive tasks. Robots have helped many companies to prevent many accidents. In addition, they save time and money.

Not only are robots able to work with better accuracy, which reduces the amount of time and materials wasted, they can also work faster and longer than humans can. While this can have an adverse impact on the jobs people rely on, it also lowers the manufacturing costs, making the price of goods cheaper.

Robots can also have negative impacts on us. If more companies started to use robots this may cause employees to lose their jobs leaving them with no source of income. Since robots need constant power, our resources like electricity may ran out causing electric bills to rise up.

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Unit 10: Robots and Us

Roboticist [REDACTED]

Cynthia [REDACTED]

The Rise of Personal Robots [REDACTED]

Project: Designing your own Robot

These days, people want to have a personal robot in their house. As the demands of personal robot rise, I wanted to design my ideal robot. Some people might think that robots are heart-less with one toned voice, but what I think is different. My personal robot is circular shaped with 2 [REDACTED] big eyes, 5 feet tall with fluffy smooth hair like Siberian Husky. She is smarter than other dogs and has the best AI technics. She can play, eat, read, sleep, and snooze-off like human. One thing I would like to brag you is the snoozing steps of her. First, she closes her eyes with serious face, head 210 degree. Then, she nods her heads several times and wake up.

(139 words) [REDACTED]

Uniform and Symbolic Clothing

What students wear at school has been a huge debate between everyone including parents and people attending such school. While many people say students should have the freedom to wear whatever they want as long as it is not distracting while others believe uniforms are necessary.

Dress codes and uniform policies have been enforced with great discrepancy in schools. A notable example is the banning of all religious symbols in public institutions in France. "Symbolic Clothing in Schools" looks to the debate surrounding social, political and religious clothing in schools - any piece of dress that significantly forms a part of a person's identity, including headscarves, veils, t-shirt slogans and gang-identifiers. It will be of key interest to those caught up in the debate such as teachers, head teachers, students and policy makers, as well as anyone with a keen interest in how such clothing has been addressed in education policy and practice.

In my opinion, students should wear whatever they want to school. Freedom is very important and if they feel comfortable in what they are wearing, I think it is better for everyone.



Unit 3: Ocean Wonders

Oceanographer

David Gallo: Underwater Astonishments

Project: Research about Animals with Special Abilities

Here are four animals with fascinating and interesting abilities.

First up, **Honey badgers**. Honey badgers might look cute and adorable but these innocent looking animals have been known to take on venomous snakes, get bitten and get right back up to finish the job moments later. They have great defense skills and really thick skin that works like armor.

Sloths can survive nearly any wound. Sloths may not move quickly, but their speedy recovery from wounds that would kill other animals have made them the focus of scientific research. Some experts believe that the scores of beneficial bacteria that live in a sloth's fur help sloths heal unusually quickly and without infection.

Sea cucumbers can hide from predators by liquefying and solidifying their bodies instantly. With this bizarre adaptation, they can pour themselves into cracks and crevices, then secure themselves in their hiding places by regaining their solid form.

Sea stars have bizarre stomachs that can extend out of their mouths. In this way, it allows them to prey on large mussels and clams that they would not be able to consume using their mouths alone. As for how it works, the extended stomach wraps around prey and partially digests the meal on the outside of the sea star's body.

Fashion designers create original clothing, accessories, and footwear. They sketch designs, select fabrics and patterns, and give instructions on how to make the products they design.

- Study fashion trends and anticipate designs that will appeal to consumers
- Decide on a theme for a collection
- Use computer-aided design (CAD) programs to create designs
- Visit manufacturers or trade shows to get samples of fabric
- Select fabrics, embellishments, colors, or a style for each garment or accessory
- Work with other designers or team members to create prototype designs
- Present design ideas to the creative director or showcase them in fashion or trade shows
- Market designs to clothing retailers or directly to consumers
- Oversee the final production of their designs

Clothing designers create and help produce men's, women's, and children's apparel, including casual wear, suits, sportswear, evening wear, outerwear, maternity clothing, and intimate apparel.

Footwear designers create and help produce different styles of shoes and boots. As new materials, such as lightweight synthetic materials used in shoe soles, become available, footwear designers produce new designs that combine comfort, form, and function.

Accessory designers design and produce items such as handbags, suitcases, belts, scarves, hats, hosiery, and eyewear.

Costume designers design costumes for the performing arts and for motion picture and television productions. They research the styles worn during the period in which the performance takes place, or they work with directors to select and create appropriate attire. They also must stay within the costume budget for the particular production.

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Ted Project (September)-HONEY SWE

Unit 2: Team Power

Group projects can help students develop a host of skills that are increasingly important in the professional world. Positive group experiences, moreover, have been shown to contribute to student learning, retention and overall college success. Working in sync as a unit is more valuable as compared to doing it alone. Group work has the potential of each member learning new skills and developing significantly. As a group leader, you should design, supervise and, assess your group to becoming the best possible team there could be.

Here are some examples of the benefits of doing group work

Break complex tasks into parts and steps

Plan and manage time

Refine understanding through discussion and explanation

Increased performance and productivity.

It will help you develop your interpersonal skills.

You get to know more about yourself.

Creativity is on a high notch.

Tackling complex projects into small parts and steps.

You can plan and manage your time well.

Through discussions and explanations, a project is clarified and understood.

You receive and assess performance.

Group work establishes stronger communication skills

Group work is a cooperative learning among students through exchange in order to achieve the complementary strengths to promote knowledge of construction, fully arouse the student's subjective consciousness, explore their subject of personalized learning, and developing students' creativity and innovation. Also, it makes students learn in an open atmosphere, and carry out active exchanges of information and knowledge; thus, enhancing self-confidence, promoting for the best practice of opportunities. In addition to developing students' sense of competition, the collective values and spirit of cooperation, so that establishes a corresponding development for different students.

Roads to Fame (Ted project) Ingyin Su

Hello there, today I'd like to introduce a famous YouTube video and an interesting one I got from the internet earlier. This video is titled "Rick Astley - Never Gonna Give You Up" (also known as the "Rickroll"). Many people on the internet use this video to prank other users on the internet using the 1987's song. The "Rick" is named after the singer Rick Astley. They mainly do Rickrolling through text messages or linking through social media platforms. People put the link of the video or disguise it so other people can fall for it. This idea was made in early 2007 but it became more common in late 2020.

The song itself has a catchy beat and a vibey tune. Not only this made the song viral, it was also the internet Rickrolls which helped the video blow up. Each Rickroll link gets clicked by a person or more which makes the video reach many views in each year. It just hit one billion views in about a month ago.

People enjoy this video for watching the full video, or just watching it because they love the music.

[here](#)

Before I die, I want to

There are many things I want to do before I die. I have been living on this earth for 14 years but there are, many things I haven't done yet. I want to go on sky diving. I am really scare of height so I have never had an idea to do it but I really want to try it once in my live. Another thing I want to do is that I want to dive into the very deep ocean and explore about animals. Moreover, I want to go on trips with my friends and have fun. I want to go to deserted places and help the people out there. I also want to create some better place for the earth. I want to fly over the clouds and watch sunrise. I want to go to the biggest wall on the earth and draw everything I want. I want to go to the beach alone and spend my night sleeping on the sun. I want to write my own book about how I feel about my life and I want to be author of my life. I want to dye my hair red and go around the city like I don't care about other opinion. I want to build a huge house for my mom and make her feel special. I want to listen music the whole night in the rain. I want to try zorbing with my best friend. I want to try riding a house before I Die. I also want to visit to Great Wall of China and walk up to the end. I really want to drive quad drive when I grow up. For the last thing, I want to participate Rio dance festival.

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I have a bucket list to do things before I die. There are tons of things in my bucket list. Firstly, I want to go to the Disneyland Park which is like a dream place for me. Disneyland from any country would be fine for me. I want to go there with my friends because I love to make memories with them and can't wait to visit all our dream places together. Secondly, I want visit Dubai another time for skydiving, dinner in the sky and go to the desert again. Thirdly, I want to go to prom in a very elegant dress that will make me look like a princess. Fourthly, I want to become a famous professional make up artist. It's a must for me. I want to be very popular as a professional make up artist. It's a dream to go to Red Carpet party, it's mostly celebrated in Paris. There are tons of things left but I will stop writing here.

Team Power

In the world, there are many competitions and many games. Some people like to perform in team on the other hand other people like to perform solo (OR) individual.

For me, I had performed in two ways solo and team power. I like to perform in team. Working team, we can help each other, we can get a lot of idea from the group members and we don't need to take a lot of responsibility. We can finish work quickly. Good teamwork form when only each of the member works together. When we work together, we will achieve something big. There are some people if tr let as work in team but they work alone, without talking to us, doing ever things alone. Relationship and friendships are formed, work get done and teamwork teaches you responsibility. If you have decided to work in teamwork, just trust the team and work together. If you don't trust each other, we won't get the team work we wants.

Working alone is also fun. You don't have to care about other. You can do every time you want. You can even do at mid night. But you won't get a lot of idea. Working in the team is the best for me.

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Ocean Wonders

Animals are also just like human beings. We humans just think they're abnormal. They are also smart and have abilities in their own way. Here are animals that have special abilities.

First, we have jellyfish. But this specific type of jellyfish does not die. They are called *Turritopsis Dohrnii* Jellyfish, they do not die even when they reach their adult life. They just simply transform back to the start of their life cycle. Octopus are expert at camouflage. They have a chameleon-like ability. They can hide from their predator and can be useful in catching their prey. The next animal is kangaroo rat. They don't need any water to survive. You can find them in places with very little rainfall. Humans are often scared of dark but, Tarsiers have the ability to see in the dark. They have very efficient eyes that helps them find food at night. And their head can be turned up to 180 degrees. At last, we have humming birds. They can flap their wings 50 times per second. The smaller the bird, the faster their wings can flap. Hummingbirds are the only birds that can sustain hovering and can fly backwards.

After knowing their abilities, you will know that everyone is good at something. The animals have their own abilities which are not similar to other animals. People always forget that animals are smart and unique in their own way.

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The axolotl of Mexico is an interesting amphibian with many unique traits. The axolotl, otherwise known as the walking fish or *Ambystoma Mexicanum*, is, contrary to its nickname, an amphibian, that lives in the canals of Xochimilco, in Mexico. Its name, axolotl, comes from the Aztec language, atl, meaning water, and xolotl, meaning dog, or referring to the god Xolotl. It feeds on worms, insects, and mollusks, and used to be the top of its food chain until larger fish and birds were introduced in its environment. The average axolotl lives about 15 years in captivity, and around 12 in the wild.

Axolotls look interesting and have many offspring. The axolotl is found in many different colors, which are pinkish white, dark brown, and albino yellow. The feathery things coming from its head are actually gills and aren't just for show. It takes an expert to identify the gender of an axolotl, because they look extremely similar, so if you want one for a pet, don't get two unless you want to risk having three hundred to one thousand one hundred baby axolotls to take care of! Axolotls mate in spring, so if you do have two axolotls and don't want more, maybe you should separate them then. You don't have to worry if your axolotl is less than a year old, though, because axolotls don't reach maturity until 12 months after hatching.

Even if they are mature by 12 months, they sure don't look the part! That's one of the many interesting things about them! The reason they don't look like full grown salamanders by then is because of a trait called neoteny. Neoteny prevents them from going through metamorphosis, but still lets them become mature. You can force them to metamorphose by treating them with hormones, or sometimes in odd cases, they just do on their own! What else can you do with an axolotl? Scientific experiments, apparently! Scientists have done many an experiment on these little guys, because of their ability to grow back limbs! Scientists have even transplanted heads of other axolotls onto other axolotls! Many axolotls are kept as pets and bred in captivity, but in the wild they are critically endangered! This salamander is one interesting little creature! It would be a shame if axolotls went extinct.

Unit 10: Robots and Us

The Rise of Personal Robots

Done By: Kaung Khant Myo Zaw

Section: Sec 2-D

There are so many Robots that converts from Cars to Robots, Planes to Robots, Jets to Robots. Some types of Robots deliver food from one place to another. Robots are used in battle, too. Robot is a machine which is helpful in different ways. Some are programmed by computer; some are controlled by remote and some are with codes. Robots are used for many reasons like robots, design, construction, and use of robots are to perform tasks traditionally by human beings. Robots are widely used in industries as automobile manufacture to perform simple repetitive tasks, and in industries where work must be performed in environments hazardous to humans. They are used to repair things, to done dangerous tasks and for exploration, too. Nowadays, robots are very useful in using in many different ways. For me, I'd make a robot which is very useful and helpful for people. If I had a chance to make a robot, I'd make a robot which is used for security in many areas. Not only for securities, for delivering food and things from one place to another, too. I'm sure that my robot would be useful in many different purposes and ways.

Unit 3: Ocean Wonders

Oceanographer

David Gallo: Underwater Astonishments

Project: Research about Animals with Special Abilities

Jellyfish

Jellyfish are animals that possess the unique ability to regenerate body parts. A team of scientists has now revealed the cellular mechanisms that give jellyfish these remarkable superpowers. The body parts of a jellyfish radiate from a central axis. The "radial symmetry" allows jellyfish to detect and respond to food or danger in any direction. Jellyfish can sting with their tentacles. What is more is that, Jellyfish do not have brains, no blood, no bones, and no heart. However, they do have an elementary nervous system with receptors that detect light, vibrations and even chemicals in the water. These abilities, along with the sense of gravity, allow jellyfish to orient and navigate in the water. Jellyfish have tiny stinging cells in their tentacles to stun or paralyze their prey before they eat them. Jellyfish have a bell-shaped body and inside their bell-shaped body is an opening that is its mouth. As jellyfish squirt water from their mouth, they are propelled forward. Tentacles hang down from the smooth baglike body and sting their prey.

Sea Cucumber

Sea cucumbers are soft-bodied sea animals that have a circle of five to twenty tentacles around the mouth. Some sea cucumbers have a thick, muscular body wall, but others are clear and jellylike. Most sea cucumbers look like thick worms or slugs, but some are U-shaped. The sea cucumber has a few defenses against predators, because they can shoot their respiratory organs out of their anuses and let them wave around because the sticky tubes are covered with a soap-like chemical that is toxic to other animals. The special ability that sea cucumbers have is that, they can hide from predators by liquefying and solidifying their bodies at will. With this bizarre adaptation, they can pour themselves into cracks and crevices, then secure themselves in their hiding places by regaining their solid form. Apart from having a dense mechanism that allows it to eject its guts at predators and regrow them later, the Sea Cucumber has a second bizarre ability. It can liquefy itself by unhooking the bonds keeping their cells together. It uses this mechanism to be able to get itself through areas that are too small, and in which it can hide from predators. It can solidify itself in there which make it impossible to be pulled out. It can even liquefy itself to death, turning itself into pure goo.

Sea Slugs

Sea Slugs are sea creatures which has the surprising ability to photosynthesize its own food using sunlight. In order to be able to do this, it makes use of chloroplasts which are organelles found in plants that perform photosynthesis and it steals it from algae. It can also produce its own chloroplasts. Although this is plant like creature, scientists also have discovered that it doesn't rely solely on photosynthesis. It can also survive long periods of time in the darkness without eating a single thing.

The Teddy Bear Crab

Teddy-Bear Crab are hairy little creatures which fluff up in the water and look positively cuddlesome. But they are hard to spot and are usually well-hidden, especially during the day. They are commonly seen on rocky and coral rubble areas or many of the shores. They are general omnivores and they will eat anything they can catch. Although it looks like a cute little teddy bear, its prey definitely has another opinion of his cunning hunter. The Teddy Bear Crab is not happy enough with its hunting skills, so it takes advantage of stinging anemones by carefully gripping them to each claw and use them as their weapons. It also uses the anemones as a food source by pulling out the food in their digestive system and feeding on it. This animal is a pure example of how deceiving cuteness can be.

Hagfish

Hagfish are the only living animals that have a skull but no spine. Their skeleton is made up entirely of cartilage. Like lampreys, they are jawless but instead they have a pair of horizontally moving structures with tooth like projections that use to grasp and tear off pieces of food. Hagfish are best known for their ability to produce alarming amounts of slime when they are stressed or provoked. It also has many common names which includes the word slime, such as slime eel and slime hag. Most of us might think the creature has the weird tendency of strangling itself. But actually, it is a hunting method. The worm like Hagfish preys on little fish hiding in the holes, and in order to do this it has to squeeze itself in and out of these holes. So, as to makes its body stronger during the pulling process, the fish ties its rear end into a knot. Like that, the fish can get to eat its prey much quicker and without any trouble squirming out of the hunting zone. This ability can also serve as a survival method for this creature to free itself from predators.

Dumbo Octopus

Dumbo octopuses are naturally rare, and the deep sea is enormous so these species have specialized behaviors to increase the likelihood that they can successfully reproduce anytime when they find a mate. They move slowly by flapping their ear like fins and they use their arms to steer. The Dumbo octopus comes in various shapes, sizes and color like; red, white, brown and pink not only that, it also had the ability to flush or change color to camouflage itself against the ocean floor. The Dumbo octopus has suckers on its tentacles but lacks the spines found in other species which are used to defend against attackers.

Mantis shrimp

Mantis shrimp have a lot of several incredible abilities that put them on the pantheon of the superheroes of the natural world. They have possibly pound for pound the most powerful punch in the animal kingdom with the equivalent force of a bullet and can strike so fast that they can even create sparks underwater. There is also an amazing power which Mantis shrimp had. The speed of action of them capturing legs is as high as that of a bullet fired by a 22 caliber, which can even strike prey in 1/3000th of a second, with a force ranging from 500 to 1500N, for an animal measuring up to 18 cm. Their extraordinary vision allows them to perceive colors that our eyes would be unable to see.

Done By: Myat Shoon Lei Thu @ Pinky Sec2-(D)

Animals with special abilities

If you are like us, every time you get locked out of your house you try to turn into a liquid to slip under the door. We are not going to say this totally does not work, because we got our toe stuck under the jamb one time. However, the sea cucumber is an expert in turning its body into a giant puddle. It can turn its tissue from solid into liquid, allowing it to slip into cracks in rocks that dot the sea bed. An interesting, not-as-super side power of the sea cucumber is the ability to eject its internal organs. Regenerating them later, we can only imagine the sea cucumber does this as some sort of party trick. Many exotic resorts will not let you swim with their dolphins. Why is this? Well, not only is swimming with dolphins' vigorous activity, also dolphins love pregnant women. Dolphins communicate with ultrasound, so they can hear the second heartbeat coming from a gestating woman's belly. Having pregnancy in their own species, dolphins know what that heartbeat means, and they find it fascinating. What was not found fascinating was our idea for a pregnancy test that involved jumping into a tank of dolphins at the local pharmacy.

Working individually and working in a group

As a student, I know quite well what it is like to work with others and alone. The advantages and disadvantages of these working styles are equal, to my mind. First, when you work with the others, your team can bring up with new ideas, more solutions, massive creations and you don't have to carry the heavy load on your shoulder. This can have advantage not only in our work, but also in our social lives. Working in a team can build up better and develop closer friendships between the teammates which, at the same time, improves your sociality.

However, there are also dark sides of it. Working with others sometimes can be annoying if you can't reach to an agreement in a discussion. Moreover, if the capabilities of the teammates are not at the same level, it can slow down the whole group which is not important but usually experienced between the students today.

In contrast to the group work, when you work alone, you will have to give more time to it and also, can only get your own ideas which may not satisfy you at some times. And although you may sometimes find working alone boring, doing the same work with your friends seems fun and interesting to you. Nevertheless, if you are really confident about your topic and don't want to be disturbed by the others, working individually is a right choice for you.

To sum up my inference, I prefer working in a group then individually because this can save more time, more energy and have more chances of producing a brilliant output.

Written by: Thin Yanant Aung (Secondary 2 – D)

Unit 10

If I was to create a robot, I would make the robot's main objective to carry food and thing. I want the robot to be voice activated just like Alexa from amazon. I also would put in a mini fridge so I could ask the robot to bring me food. The way the robot would charge is the same way as phones, which might need a big cable.

In the period of the pandemic, most of the people are really stressed with their own matters. I am also included in these people. I am really busy with my online learning and I can't travel far away except my cousin's home because of the pandemic so every day is boring for me.

That's why, I decided to start a physical exercise after listening to Cutt's idea in Ted Talks. I will try for 30 days like he said. My priority exercise is playing football. I assume that would make my stress release and help my body to be healthy.

I will start practicing this weekend. I have a plan to meet with my cousins this weekend then I could play with them in the evening. On weekdays, I will play alone and practice throwing, catching, kicking and running for my stamina every evening. I will try to play at least one hour a day. Although it is better to play in the morning than in the evening, I could only play in the evening because of my tight schedule.

I sometimes can play with my cousins, sometimes with my dad but it would be the best if I can get a trainer for a few days. Then I will precisely know the steps of practicing football.

After the 30 days challenge, I will analyze myself how much I am interested in football and how much it profits me. Later when I surely know it is a good idea, I will share my experience with my friends and cousins who are bored with physical exercise.



Done by: Zwe Htet Win (Sec-2 D)

Designing My Own Robot (Unit 10)



Robots are synthetic objects that were created to help humans in their daily jobs. Japan is currently the leading country in robotics. Robots are useful tools that could help us in various fields such as in the medical field, science or just our daily work. So, I wanted to lay out my own robot design that could help us in our daily lives.

My robot would not have a specific name cause the owner can type whatever he or she wants to call the robot! Its original name would be "Butler- bot-Mark 1". It would be an assistant bot with many unique features. The robot would look like a standard helping bot with caterpillar tracks so that it can go through most obstacles. It would be equipped with 2 hands for basic movements. The robot would be painted white with a screen for its head. The digital head would have touch screen capabilities with a sensor and a camera on top. It would also have a small compartment at its back so the owner can carry things and the robot's hand would also be able to reach them. The typical face of the robot would be a digital, pixelized face but you can customize on whatever face you want and there are also presets of famous movie and cartoon characters.

As for its facilities and abilities, face recognition for its owner. And if it detects any suspicious movement, it would sound all the alarm which could be manually installed around the house. The robot could be connected to the owner's phone and the owner can ask the robot to do anything through the phone's microphone. It can do simple tasks such as grabbing a glass of water or bringing something to the owner. The owner could also ask anything to the robot that he or she wants to know and the robot would go to the internet and display the information on the screen or speak back to the owner. If the owner wants the robot to come to him, he can simply call from his phone through an app and the robot would track the phone down via GPS and arrive to the owner. Alarms could also be set on the robot. As it would be powered by a rechargeable battery, its range is not limited to the length of the power cord and you do not have to keep on finding different batteries to power it either.

The robot could be used in any places to help various kinds of needs. The robot could be used to help at the hospitals or carry some things at the construction site. If I ever decided to make this concept a reality, I do wish that it could help many people in the world.

Aung Kaung Myat @ Arthur
Secondary 2 – C
What We Wear

Uniform and Symbolic Clothing

Uniform in schools is known as a symbol of standard, nobility and shows yourself as an intellectual. A student must follow the rules and regulations of the school on wearing school uniforms, but what is the meaning of wearing “uniforms”?

First of all, it means equality among the students. When the students wear casually, some people like to judge the price of the clothes, discriminating the people who can't afford nice clothes. It would be a colorful mess as well if there are uniforms.

Second of all, the student should know they are in school. The student's uniform indicates how smart a student is, how well taught they are and how their standard of education is greatly high. Many people will respect you.

So in my opinion, having school uniforms/symbolic clothings in a particular school or area is a wise choice.

Why Videos Go Viral

Everyday, there are over 48 hours of video uploaded every minute on Youtube. However, there is a small amount of percentage that the videos will go viral. The factors that lead to the videos' popularity are tastemakers, communities of participation and unexpectedness.

According to my research, Double Rainbow video by Yosemite Bear became very popular after 6 months, when Jimmy Kimmel tweeted about how interesting the video was. This is one example about tastemakers.

Another video is Rebecca Black's Friday, which started to have tons of views 3 months later. The reason is that a group of people started to share this to many other people in the world and there are lots of parodies about the Friday, including the other seven days of the week.

Last but not least, Nyan Cat got its success due to the unexpectedness. It is just the cat meowing and it goes on and on, but people began to make different versions of the video and some people participated in playing the sound with musical instruments. This also attracted cats watching the Nyan Cat and even cats watching the cats watching the Nyan Cat!

In conclusion, we need to be creative in our own ways to make our own videos viral and have lots of views.

Uniforms and Symbolic Clothing

Handful of students doesn't like uniforms probably because it was 'plain' or they just wanted to show off their new tank top that their parents bought them. Whatever the reasons are uniforms plays an important and a very advantageous role at school. The same goes for Symbolic Clothing.

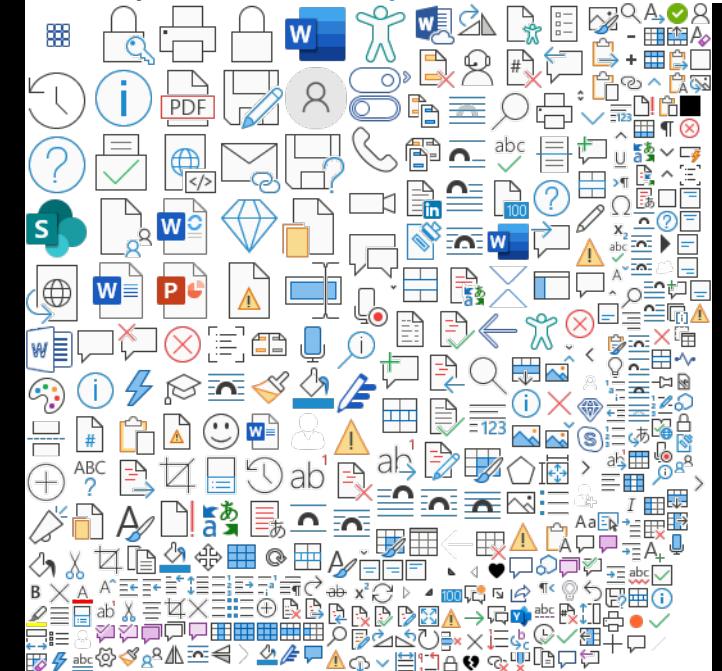
Take it for example, a school without uniforms would be disastrous for some students. There is a high chance for them to get bullied for the way they dress or for the brand they use. This will force them ask their parents to buy more clothes which their parents cannot afford. Then, there is the security. If the school doesn't have uniform, the teachers or parents won't be able to identify if a stranger arrive at the school. This could result in kidnapping or even a school shooting.

They are the reason why you should appreciate that Uniforms and Symbolic Clothing are a thing in society. Otherwise, things might go out of order. Who knows what might happen if they never existed in the first place?

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How Videos go viral

Example Video: [I Spent 50 Hours In Solitary Confinement](#)



It is no secret that many people go onto the site YouTube to get entertainment from their favorite creators on the website. There are many random YouTube videos that go viral all the time and end up on the trending tab. So, I will be explaining why? My example will be an extreme challenge from the famous Youtuber who goes by the name of "Mr Beast." In the video thumbnail you see above it attracts a lot of people from the interesting and extreme styled thumbnail with the words "Day #2" which indicates that he spends 2 days in the asylum as stated in the video title. The start of the video will also keep viewers watching since he summarized what the entire video is about. He also screams in the video which young children would be attracted to it. If this video had a thumbnail where it was just a guy sitting in a asylum this would not work very well. It also comes down to the beginning of the video where the mood would be set.

A K-pop music video call (As if it's your last) which was release on June 27, 2017. Blackpink is a group which was made by 4 girls (Jennie, Lisa, Jisoo and Rosé) created by YG entertainment sing that song and has 1B views. Most of their song were reach over a billion views some of them are millions of views, As if it's your last is compose by Teddy Park. The girls were wearing cute outfits and the Japanese high school uniform were dancing with that song and the lyric were catchy. Each of them has their own trend outfits which make the viewers catch a glance attention to their music video, it a 3-minute videos and made the people feel entertained and vibe along with this song. Some of the people made a dance cover or cover singing. This song was mostly played in shopping malls or a party.

Jellyfish

Pulsing along on our ocean currents, these jelly-like creatures can be found in waters both cold and warm, deep and shallow and along coastlines, too. Jellyfish have no brain, heart, bones or eyes. They are made up of a smooth, bag-like body and tentacles armed with tiny, stinging cells. These incredible invertebrates use their stinging tentacles to stun or paralyse prey before gobbling it up. The jellyfish's mouth is found in the centre of its body. From this small opening it both eats and discards waste. And it can also squirt a jet of water from its mouth. Some jelly fish can glow in the dark. The glow occurs when a substance called luciferin reacts with oxygen. These fascinating creatures have been around for millions of years, even before dinosaurs lived on Earth.

Done By: Kaung Khant Kyaw

Sec2-C

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Ocean Wonders

As a child I have always been fascinated by animals and the unique things they do. I will be focusing on the amazing animals that live in the oceans. What comes first in your mind when somebody asks you about sea creatures? Some might say sharks, some might say fish but for me I think of the Orca's or more commonly known as Killer Whales. These creatures are the top of the food chain, they have cruel but fun personalities, a large body and the coolest part of all they can scare off Great white sharks. Killer Whales aren't whales, they are dolphins. Orcas are also the second most wide spread mammals in the world (The first being humans), they are found everywhere from the freezing waters of the Antarctic to the summery waters of the Pacific. Orcas are very Neutral to humans but they have been seen using seals as volleyballs and chasing animals for fun. The most amazing thing about Orca's is that they have cultures, the food they eat and the things they do for fun changes with their culture. Orcas are also able to menopause (Only three known species go through menopause: killer whales, short-finned pilot whales, and humans). Orcas, instead of hunting alone they live in pools and communities. Orcas can also use echolocation but unfortunately, they don't have a sense of smell. Orcas have very long-life span specifically female orcas can even live up to 80 years, but one female Orca lived up to 103 years. The Killer Whales might not be the fastest creatures or the largest, they might also not be the rarest or the scariest but in my opinion, there is no creature who deserves the title of "King of the Ocean" more than the Orcas.

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Unit 4: What we wear

Uniforms are particularly important in some schools. Schools usually have uniforms to prevent discriminations and bullying against students who are poor and dressed up poorly. Uniforms can come with advantages and disadvantages. The advantages are less discrimination while the disadvantages are itchy and uncomfortable clothes.



Uniform and Symbolic Clothing

There are many different ways to express your true inner self. One of the best ways are to express it through clothing. Despite wearing what we want to wear, wearing appropriate clothing for a certain occasion is especially important as well.

Symbolic clothing is a reflection of what a specific society believes is trending at a given time. It can be used to show off your personality or culture. Clothing is an expression, image and personality of certain community. Clothing symbols are not intended to reflect a person's rights or obligations.

Uniforms are a relevant form of clothing for both workplaces and educational places. Uniforms are sets of clothes worn by members of a certain organization. For instance, some professions require uniforms for certain employees like nurses, pilots, chefs and many more. They wear special uniforms that help identify them with their profession. Their uniforms can also help them do their jobs better. Many occupations require that you wear a uniform. In some industries, such as medicine, law enforcement, the military, food services and delivery, it's important to look professional.

1) What was the most surprising fact you discover?

It would be that uniforms help professions to do their jobs better.

2) Was it difficult to find the information you needed?

No, it was not since I am widely exposed to the internet, I can freely surf the web.

3) What else would you like to know about uniforms and their meanings?

I would like to know more about the benefits of wearing a uniform for each profession.

Life changes

Google software engineer Matt Cutts gives a great talk about how trying new things for 30 days not only helped him learn new skills but also changed him as a person.

UNIT 3: OCEAN WONDERS

BY MYAT PHONE PYAE ZAW SECONDARY 2 (C)

THE UNIVERSE IS FILLED WITH SO MANY DIFFERENT TYPE OF LIVING ORGANISMS THAT EVEN SOME OF THESE ORGANISMS HAVE NOT BEEN NOTICED BY SCIENTISTS. ANIMALS ARE A TYPE OF LIVING ORGANISMS THAT ARE UNIQUE DUE TO THEIR POSSESSIONS OF BRAINS AND THEIR SPECIAL ABILITIES. IF I WERE TO TALK ABOUT EVERY ANIMAL'S SPECIAL ABILITY, THIS ESSAY WOULD BE LONGER THAN THE BIBLE SO I WILL BE STICKING TO ONE SPECIE THAT HAS SPARKED MY INTEREST, THE TARDIGRADES.

TARDIGRADES ARE UNIQUE DUE TO THEIR ABILITY TO WITHSTAND ANYTHING. THESE SHORT, PLUMPY AND BEAR-LIKE CREATURES HAVE SURVIVED MANY EXTREME CONDITIONS. FOR EXAMPLE, IN SEPTEMBER 2007, DEHYDRATED TARDIGRADES WERE SENT INTO SPACE AS AN EXPERIMENT. THE EXPERIMENT LASTED FOR 10 DAYS AND THESE BRAVE TARDIGRADES WITHSTANDED THE HARD VACUUM OF OUTER SPACE, OR VACUUM AND SOLAR UV RADIATION AND YET, THEY WERE STILL ABLE TO REPRODUCE DURING THE EXPERIMENT. OTHER STUDIES SHOW THAT TARDIGRADES CAN SURVIVE TEMPERATURES UP TO 151

° C AND PRESSURE THAT IS 1,200 TIMES MORE THAN THE ATMOSPHERIC PRESSURE. THROUGHOUT HISTORY, THE TARDIGRADES SPECIE HAVE SURVIVED 5 MASS EXTINCTIONS SUCH AS GAMMA-RAY BURSTS OR LARGE METEORITE IMPACTS. THEIR FOSSILS CAN GO AS FAR BACK AS THE CRETACEOUS PERIODS IN NORTH AMERICA. THE LIFESPAN OF TARDIGRADES RANGES FROM 3-4 MONTHS AND SOME MAY EVEN LAST FOR 2 YEARS.

ANIMALS ARE INTERESTING TO THINK ABOUT AS MANY TYPE OF THEM EXISTS AND EACH TYPE IS PAIRED WITH UNIQUE ABILITIES THAT MAKES THEM OUTSTANDING. ALL OF NATURE IS TRULY A WORK OF A GENIUS THAT HAS NEVER FAILED TO GIVE PEOPLE THE FEELING OF AMAZEMENT.

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Unit 3: Ocean Wonders

Project: Research about Animals with Special Abilities

In this project, I researched 5 animals. They are horse, parrot fish, chicken, lion, bear, and fox. The first animal is horse. Horses have many special abilities. One of them is they have a deep sense of balance due partly to their ability to feel their footing and partly to highly developed proprioception—the unconscious sense of where the body and limbs are always. A horse's sense of touch is well-developed. The next animal is parrot fish. Parrot fish devour various organisms that live on coral reefs. While feeding, they inevitably wind-up swallowing chunks of rock-hard coral, a side-dish these critters cannot digest. Such pieces get broken down and pass through their systems as freshly-made sand. The third animal is chicken. They have super-sensory powers such as telescopic eyesight and almost 360-degree vision like owls. The next animal is lion which is one of my favorite animals. Lion's special ability is they have excellent sense of sight. It helps them see large prey, even at night, helped by hearing and scent-detection. Tactile ability is part of communication with other lions. The fourth animal is bear which is my favorite animal. A bear's hearing ability is excellent, and like dogs, bears hear high pitches, exceeding human frequency range and sensitivity. Bears see in color and have good vision, like humans. Bears are fast; they can run more than 60 kilometers an hour (37 mph) – that is twice as fast as an Olympic sprinter. The last animal I researched is fox. They have exceptional sight, smell and hearing abilities which makes them excellent hunters. Unlike other mammals, the red fox can hear low-frequency sounds which help them hunt small animals, even when they are underground! That is all about animals and their special abilities that I researched about.

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In many schools and workplaces, a uniform is without doubt, a necessary part. Many would ask what the point of these essential 'symbolic clothing' is. Luckily, I'm here today to explain!

Uniforms usually come with a plain shirt and a pair of matching jeans or for most females, a long skirt.

In addition, many places have added small logos, too.

Students nowadays, have become extremely attached to social media and how they are seen on it. Therefore, some children have spent thousands of dollars just for a pair of shoes and bully other students who don't have them. This is one of the biggest reasons that uniforms are important. They help reduce bullying and it is much easier for students who aren't as financially stable. It also lessens time wasted while choosing what to wear.

A uniform also represents the community it is from. If a student with a uniform does a good deed, the school which the child comes from gets praise and gratitude.

These are some reasons why symbolic clothing plays a role in humanity. This is why we should continue to wear and respect the uniforms we are given.

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UNIT-8

FACE OFF

Richard Turere is a young Maasai man who lives in the wilderness of the Kenya savanna, on the edge of a national park full of rhino, giraffe, buffalo, and lions a man who invented the lion lights were devised by Maasai Richard Turere to prevent night attacks by lions on his family's cattle herd, which was in Kitengela on the unfenced south side of Nairobi National Park, in Kenya. But for now, Iam going to talk about what is human wildlife conflict (HWC) occurs when animals pose a direct and recurring threat to the livelihood or safety of people, leading to the persecution of that species. Retaliation against the species blamed often ensues, leading to conflict about what should be done to remedy the situation and, there are five main causes of conflict information conflicts, values conflicts, interest conflicts and relationship conflicts.

What are the causes of human conflict?

- Threats of violence or actual violence.
- Overcrowding or lack of privacy.
- Verbal abuse.
- Dirty or untidy work space.

Pygmy seahorse

Pygmy seahorse, first discovered in 1961, has a fleshy head and body, a very short snout, a long tail, with an approximate size of 1.4 centimeters to 2.7 centimeters from the tip of the tail to the end of the snout. Since they are both tiny and well camouflaged, it is very difficult to spot amongst the sea grasses and soft corals that they inhabit. With their short snouts, they have the appearance of baby animals. They are found in the Indo-West Pacific, and normally live between 14 meters to 60 meters deep into the ocean. Male pygmy seahorses use a pouch in their trunk – not their tail – to brood their young.

Stick insect

Stick insects, also called “walking sticks”, live in tropical and mild forests all over the world, and usually have a life span of three years. Stick insects have alike features as grasshoppers, crickets, and mantises, as they are related to these insects. They normally have brown or greenish color, but they mimic their surroundings in color. Though, some specific types of stick insects have fascinating colors with unique stripes. Most have wings, and some of them are amazingly beautiful. They are known to be the longest insects in the world, with up to 22 inches long (with legs stretched). Female stick insects almost always do not need mated males to produce eggs. They can, in fact, produce hundreds of all-female stick insects on their own, without ever needing a male. There are even some types of stick insects with no males discovered.

Arctic fox

The characteristics of arctic foxes include thick fur, short snouts, stubby legs, and small and curved ears that help minimize heat loss because less is exposed to the cold. Depending on the time of the year, these types of foxes can naturally change their colors from white to brown or even blueish gray. As their name is “Arctic fox”, they live on the land and sea ice within the Arctic Circle. Usually, arctic foxes live in large dens, which are used for generations -some are as old as 300 years.

My robot

If I had a robot, I would have programmed it to be smart and strong. So that it would be able to help me in my everydaylife.

Dogs

(All facts we're from the Internet)

Dogs are smart and loving pets I recommend. So, I'm going to tell everything about what DOGS have, that almost all of PEOPLE do not have. But first, let's talk about the history. They we're descendants from the grey wolf. But when they were first discovered by humans, they were domesticated, because they could mostly be used for daily human activities, because they DO get the skills. Dogs get adapted by human behavior which let them to evolve to the form they are now. So, back to dog's special abilities. One, their smelling is 40 times better than us because they have different brain cells. Now I see why dogs are used to sniff out from bad people, and can even sniff out medical problems, like Covid. Two, they're champion swimmers. But, not all dogs like water, but mostly the ones that do are most likely to be good swimmers. Most dogs can save people from drowning. That's amazing! Three, they're Sonic. They can race with the cheetah like it's a piece of cake. Dogs can ultimately catch a thief, scammer, drug dealer when they run. Four, AMAZING HEARING. Their ears can detect sounds that are BEYOND human hearing, or they can hear sounds that are far away. This let them hear whatever they're looking for, using both smelling and hearing. Lastly Five, they can be smart as a two-year-old. This is pretty normal for a human but that's unique for a 8 month old dog or somewhere near that. They can learn very quickly just from the actions of humans. Now, bye bye.

Arctic Fox

Where do they live?

Arctic fox (*Vulpes Lagopus*), are found throughout the Arctic region usually on tundra or mountains near the sea.

What do they eat?

The Arctic foxes eat whatever animal or vegetable material is available and often follow polar bear to feed on the remains of their kills. During summer it preys on primarily rodents, it may also take birds. In the winter they hunt birds and even reindeers.

What prey on the arctic fox?

The Arctic foxes fall prey to larger carnivores such as polar bears, wolves, red foxes, grizzly bears, golden eagles and to hunting by humans.

The special abilities or adaptations that allow the arctic foxes to survive.

Arctic foxes have several adaptations that allow them to survive. Their compact bodies minimize surface area that is exposed to the frigid air. Their muzzle, ears, and legs which also conserves heat. They also have thick fur on their paws which allows them to walk on both snow and ice. They do not start to shiver until the temperature drops to -70°C (-94°F).

Facts about the arctic foxes.

Arctic foxes do not hibernate and their fur changes colors with the seasons. There are two genetically distinct coat color morphs: white and blue. The white morph has seasonal camouflage, white in winter and brown along the back with light grey around the abdomen in summer. The blue morph is often a dark blue, brown, or grey color year-round. Although the blue allele is dominant over the white allele, 99% of the Arctic fox population is the white morph. The arctic foxes are about the size of a large domestic cat, they are the smallest wild canid found in Canada. They are also monogamous animals.

Independence Temple, USA

Independence Temple is a house of worship and education that is dedicated to the pursuit of peace. It is one of the most unusual structures of the world.

Ren Building is an attractively designed building in Shanghai. The project was proposed for a hotel, sports and conference center. The building was visualized as two buildings blending into one. The first building that emerged from the water was dedicated to activities of the body and housed sports and water culture center. The other building that emerged from the land was dedicated to the spirit and enlightenment and housed a tastefully equipped conference center.

Situated on Saadiyat Island, Abu Dhabi, UAE, this is the first museum in the island that showcases the history, culture, and the socio-economic transformation of the country. It features five wing-shaped towers projecting from an artificially landscaped mound having the galleries. The towers seem like thermal chimneys.

Unit 3: Ocean Wonders

Oceanographer

David Gallo: Underwater Astonishments

Project: Research about Animals with Special Abilities

Marine animals with special abilities

There are various kinds of aquatic animals, each with their own special skills. Color shifting cuttlefish, octopus Cyanea, sea cucumber, box jellyfish, and squid are some of the most well-known aquatic species having special abilities.

Color shifting cuttlefish

Cuttlefish may change their appearance quickly because of special pigment cells on their bodies. They, like chameleons, may change their appearance in a matter of seconds. Cuttlefishes have three hearts and green blood. They are also more intelligent than any other invertebrate.

Octopus Cyanea

Octopus Cyanea, or large blue octopuses, may entirely transform into transparent and invisible. They are normally brown in color, but have the ability to change their color and skin texture quickly. Because they feed throughout the day, their camouflage abilities are outstanding.

Sea Cucumber

Many types of cancer can be cured by sea cucumbers. Cancer cells can be successfully killed by a chemical component found in the body of a sea cucumber. Sea cucumbers are abundant throughout the Asia-Pacific region. They also serve to strengthen the human body's immunity by aiding in the battle against diseases and illnesses.

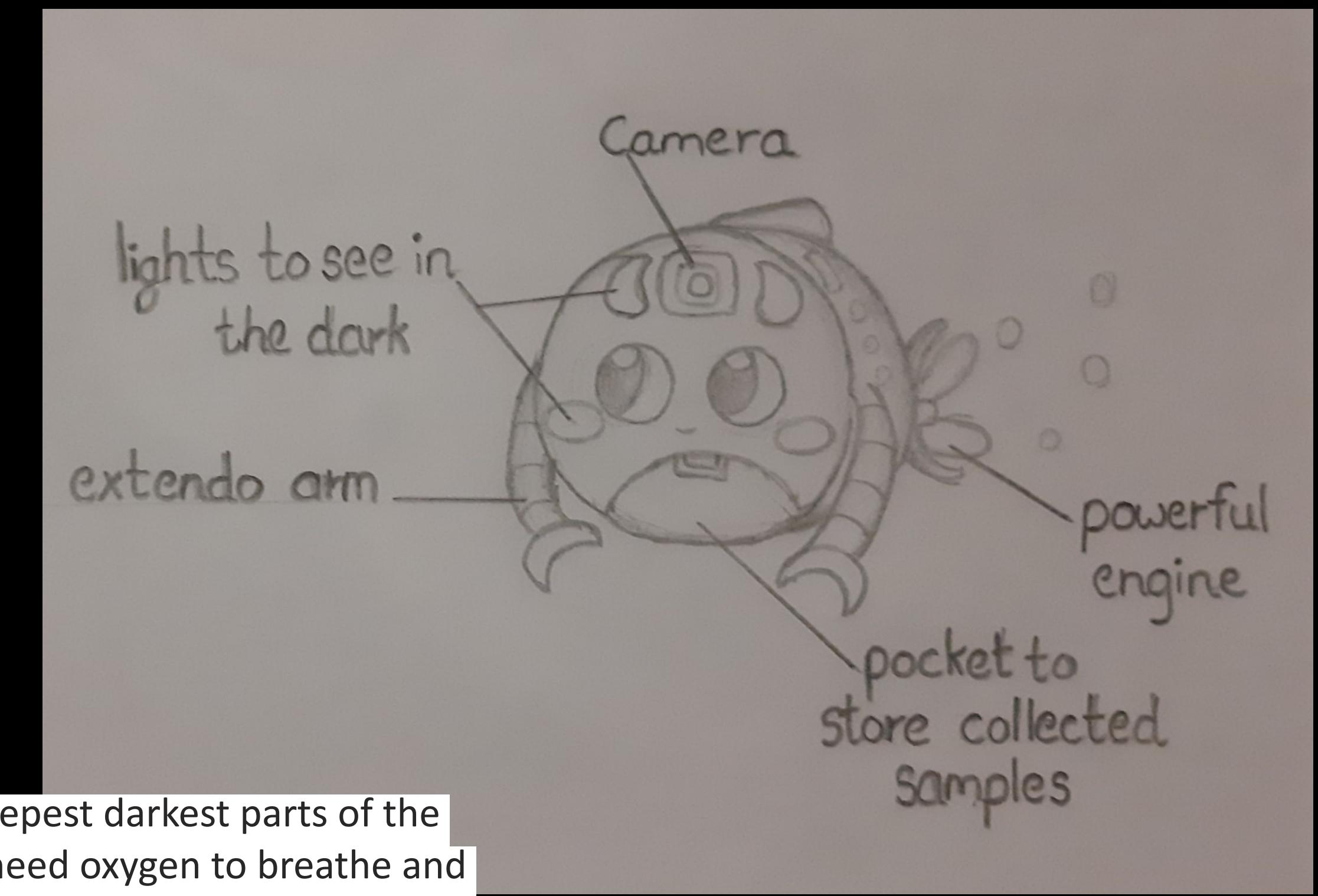
Squid

When a squid couple fight, if they are aggressive, they turn white. But usually, a male never shows the female his aggressive white pattern. So, the female only always sees the kinder, gentler squid in him. To prevent him from accidentally showing his aggressive white side, he keeps it off by splitting the color of his body and comes up from the other side of the body.

Box Jellyfish

Box jellyfish tentacles contain about 5000 stinging cells. Its venom rapidly disables heart functioning and can result in death in a matter of minutes. They utilize this venom to catch prey such as shrimp and various fish species. Box Jellyfish survivors are usually in pain for several weeks.

There are various other marine animals that can benefit from their special abilities. However, there is an endless list of these species that I could go on and on about. What an amazing underwater world!



This is Tabi, my aquatic robot who has a special ability to go to the deepest darkest parts of the oceans that no man has ever been before. As it is a robot, it doesn't need oxygen to breathe and is strong enough to withstand the enormous pressure of the depths. The main purpose of it is that to test, monitor, and observe sea creatures.

Tabi is really useful for marine biologists since they can explore the wonders of the seas and discover new creatures by using him.

Since the sunlight won't reach the depths, I have to make my robot stand the freezing temperature. It also has to be spherical as it is the most efficient shape to withstand equal pressure from all sides. Tabi has cameras to take pictures, arms to collect samples along with a powerful engine. He is such a lovely robot and who knows one day he might find a new type of sea animal.

Build The Tower means to finish the work. Which is call teamwork.

Build the tower is hard right? So, it is hard as build the tower to build the good team. If you do not have good teammates. Most of the team have the most important mistake. They are discussing for too long so sometimes They cannot finish the work.

My robot

This writing is inspired by Cynthia's Tedtalk. Cynthia is a roboticist and the main idea of her Tedtalk is that if we build robots that communicate with us the way people do, they might be able to improve our lives. As the human population grows, technology advances robots will be of great use to us humans in the future. There are a multitude of ways that robots can support us in our lives Furthermore, robots could be the solution to our problems.

If I could design my own robot, I would design it like this. I would name my robot "Cyd". When it comes to appearance, I prefer a simple look over an overly ornate look. The crucial part of the robot is its functionality. Some functions that I would like to add to my robot are preparing food for me, cleaning, helping me out with time management because I tend to struggle with managing my time, helping me with my schoolwork, and last but not least, one of my favorite features is accompanying me. Sometimes when I get lonely, Cyd accompanying me would be amazing. Moreover, I want Cyd to have feelings. I want my robot to not be very big so it would be more convenient for me to carry it around but also not too small because some functions wouldn't work with a small robot. It would be great too if it could move by itself. Additionally, I also want Cyd to talk because that would make it easier for me to interact with it. Overall, having my own robot would be life-changing.

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Community offices

Keeping our communities safe and healthy is particularly important. Community safety is about feeling safe, whether at home, in the street, or at work. It relates to the quality of life and being able to pursue and obtain the fullest benefits from your domestic, social, and economic lives without fear or hindrance from crime and disorder. It is important that you do your own part in improving the environment that you live in. Here are some ways that you can improve your community. Participate in local organizations such as beach clean-ups. Have a good relationship with your neighbors. Always follow the rules in your community. Using bikes and walking as the main type of transportation can improve the air quality. Recycle things whenever you can. These are just some ways you can improve your community.

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UNIT 6: BUILDING SOLUTIONS

In the world, there are many buildings in various sizes. There are common and normal buildings which we can see often in daily lives. Unlike them, there are also odd buildings which have weird structures but they are rare. Those kinds of buildings usually attract the tourists. Although there are many famous and weird buildings, these are some of the unusual buildings around the world.

Research about unusual structures

[Bubble palace, France](#)

Palais Bulles, also known as "The bubble palace" is located in Théoule-sur-Mer, near Cannes, France, and it was designed by the Hungarian architect Antti Lovag. It is known that he hated straight lines because according to him they are "an aggression against nature" so he designed it as a "form of play which is spontaneous, joyful, full of surprise". It was built between 1975 and 1989. The 1200 square meters house includes a front area, panoramic lounge, 500-seat open-air amphitheater, 10 bedrooms, numerous swimming pools and waterfalls. Since it is decorated very beautifully, there are many visitors annually.

[Casa Terracota, Colombia](#)



This building is also known as Ceramic House and it is located in a rural mountain village in Colombia. This is designed by the Colombian architect Octavio Mendoza. It is entirely built by hand through clay and parched in the sun. It appears like a large mound of clay, freely shaped to look like a cottage. It took at least 20 years to complete the construction. It is 5400 square feet wide and despite being built by clay, it is strong and durable.

[Cybertecture Egg Office Building, India](#)

The Cybertecture Egg office is a 13-story building located in Mumbai, India. It was built with sustainability and has 33,000 sqm of office space, an elevated garden, and three levels of basement with 400 parking spaces. The structure of this building uses a diagrid exoskeleton, which forms a rigid structural system and allows it to be built with less building material than a traditional orthogonal building.

[Casa Milà \(Barcelona, Spain\)](#)

Candy Chang

“Before I die, I want to....”

Candy Chang is who lost someone she loved very much, in 2009. She thought about death a lot and this made her feel deep gratitude for the time that she had had. She turned the side of this abandoned house into a giant chalkboard and stenciled it with a fill in the blank sentence:

“Before I die, I want to....”

So anyone walking by can pick up a piece of chalk, reflect on their lives, and shared their personal aspirations in public space.

“Before I die, I want to be tired for piracy.” “Before I die, I want to straddle the International Date Line.” “Before I die, I want to sing for million.”

These’re some feelings of people shared on the wall.

When people read that sentences, people know about other’s feelings, hopes and aspirations. Also that sentence make people to know they’re not alone.

Candy Chang’s ideas of sharing on the wall touch other all over the world and some passionate people who wanted to make a wall with their community. The shared spaces can better reflect people feelings as individuals and as community.

21st Century Reading was created through a partnership between TED, a nonprofit dedicated to spreading ideas through short, powerful talks and National Geographic Learning. *21st Century Reading* provides the ideal forum for learners of English to make connections with topics ranging from science to business to global issues. Using TED Talks as the springboard to share ideas, this new four-level reading series shows learners how to understand and respond to ideas and content in English.

- I did this experiment a few months ago at my home just to find out the differences between doing an individual work and a group work.
- So, according to the title “Build a Tower, Build a Team” I decided to use the LEGO bricks we have at home to build a four storey tower, first alone then together with my family.
- First, when I did it alone, it was very hard to get on control with the stairs to move up and down, and the ‘elevator’ I used, and each of the four storeys. All the mistakes I made and the hard-to-control parts almost made me go crazy.
- After I had done it, it had taken one week to get it done, even though it would break even if my sister stepped on it.
- After a picture or two I destroyed the whole thing and begged my family to help me build it a second time and told them about the experiment. It was easy to get my sister and my mom come but it took some time convincing my dad to help, and my older sister was out because we couldn’t convince her.
- After we have done it once more together, the process took less effort and it looked better than the first one. We took 2 days to finish it, but the hard work was worth it.
- So in conclusion, group works are more effective than individual works, and I learnt it easily.

- I tried this crazy experiment with a marshmallow, 20 spaghetti sticks, 1 yard of tape and 1 yard of string during the summer holidays. My mother saw it on Facebook, and we're writing about it now. According to the rules, there should be 8 people in each group but there wasn't enough people in our house, so we just ended up doing it 2 people in one group and 3 in another.
- That was surely not enough people, but we did it. One group was with me and my mother, while the other was with my dad, my younger sister and my older sister. (sounds unfair with 3 in one group with 2 in the other but my younger sister is too young to do anything)
- We did it together, and it took a lot of time, discussion and effort to make it happen. We changed some rules since we changed the time to be 30 minutes and the winner will be the tower that can stand for the longest time. We also shortened the length of tape and string, and the number of spaghetti strings to be used. We also used a brownie instead of a marshmallow to make it harder for the food to get on.
- It was a lot fun, and my older sister's group won, because me and my mother's one collapsed after 2 days, but to be honest, it was really funny when we saw the tower just fall down from the table.
- In conclusion, some teams work better than others. With the evidence that my younger sister spent the 30 minutes playing with her dolls.
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The human-wildlife conflict is the interaction of animals in the wild and people, and the issues humans cause to environments by humans wanting land or resources or the animals wanting more territory. It usually happens when cities or towns overlap with wildlife territory. This causes a reduce in resources for one or both parties. This is one of the main problems that is causing animals to be endangered almost everywhere in the world, and is also an issue for human populations.

Examples would be an incident where baboons attacked cattle in Namibia, or bears and wolves killing livestock. The impacts of similar incidents to these incidents alone can be huge. People lose livestock, property and even their lives. The animals, which could be endangered, are also killed to prevent future conflicts.

Unlike other animals, humans change the environment around us instead of adjusting ourselves to our surroundings. This disturbs other species and creates conflict. Because of this, we have things like cars, power plants and more that cause global warming which harm animal environments. An animal that from Asia can affect people in America, because Earth as a whole, is a system.

Solutions to these can be electric fencing, better planning of land used in infrastructure and ecotourism. In Mozambique, there were incidents of elephants trampling and eating crops and causing a shortage of food, but they started growing more chili peppers after the discovery that elephants do not like plants with capsaicin, the chemical that makes things spicy. These creative yet effective methods do not harm the elephants and the farmers keep their crops, making a win-win situation.

Today, I watched a TedTalk called Before I die, I want to by Ms. Candy Chang. The talk was interesting and basically, she was talking about how she wanted to improve a better environment and create more healing public spaces with her neighbors. She lives in the New Orleans and is in love with New Orleans. Her soul is always soothed by the giant live oak trees, shading lovers, drunks and dreamers for hundreds of years and she trusted a city that always make way for music. [REDACTED]

In the past few years, she tried ways to share more with her neighbors in public place using simple tools like stickers, stencils and chalk. While making the projects, she had questions like how much her neighbors pay for their apartments, how they could lend or borrow things without knocking on each other's doors at a bad time, how they can share more memories of their abandoned buildings and gain a better understanding of their landscape. She also wondered how they can share more of their hopes for their vacant storefronts so their communities can reflect their needs and dreams today. Answers came up with "I wish this was a butcher shop, a home, a place to sit & talk, a grocery store" etc. The city she lives, has some of the most beautiful architecture in the world, but also has one of the highest amounts of abandoned properties in America. Near her home, there is an abandoned place painted with spray paints and anything a teenager would do to decorate the wall. She thought "How could I make it a nicer space for my neighborhood and also something that could change my life forever?", which is where the story begins. [REDACTED]

In 2009, the time I was born, Ms. Candy lost someone she really loved, Ms. Joan who was a mother to her. With the help of all her old and new friends, she turned the abandoned house into a giant chalkboard and stenciled it with a fill-in-the-blank sentence that says "Before I die, I want to [REDACTED]". She aimed for anyone who walk pass the board pick up a chalk, reflect on their lives and share their personal aspirations in public space anonymously. The next day after she did that, the wall was filled out. Some of the answers were "Before I die, I want to be tried for piracy", "Before I die, I want to straddle the International Dateline", "Before I die, I want to sing for millions", "Before I die, I want to plant a tree", "Before I die, I want to live off the grid", "Before I die, I want to hold her one more time", "Before I die, I want to be someone's cavalry", "Before I die, I want to be completely myself" and more. Because of her effort, a neglected space became a comforting constructive space. People's hopes and dreams were open up, which made the person feels comfortable. She was soon able to launched the board in many countries. [REDACTED]

This proves that just with an act, you could improve an environment. Her talk made me reflect on my life. In my opinion, I have never act myself before. There are many times I lied just to make someone happy, making myself uncomfortable. The people I have been with, I don't know if they are true or not. But one thing I know is that they are just a supporting character of my life and I am the main character who have to lead myself to the right lane. Before I die, I want to thank those who saved me and were with me during my hardest times. [REDACTED]

Why Videos Go Viral on the Internet

Tastemakers, communities of engagement, and unexpectedness are three factors that frequently lead a film to go viral. People are frequently inspired by viral videos, and they repost or create something new with it, causing it to gain more attention and the repost get more attention than the original. Most videos become viral when the creators do something out of the ordinary. When a video goes viral as a joke and evolves into something we could all be a part of, people begin to participate. It also depends on the people that are part of the online audience.

Pygmy seahorses

As their name, they are tiny fishes that are nearly indistinguishable from their habitats due to their size and their ability in extreme camouflage. They were well camouflaged but in 1969 they were discovered by a marine biologist George Bargibant and was collected and observed.

Pygmy seahorses' range in size from 0.55 to 1.06 inches in length (1.4 to 2.7 cm). 2 Bargibant's pygmy seahorse features spherical tubercles on its body that match the color and form of its host gorgonian coral and develops to a maximum length of 0.94 inches (2.4 cm). Depending on the color of the host gorgonian, this species is either purple with pink tubercles or yellow with orange tubercles. Up to 28 pairs of Bargibant's pygmy seahorses can live in a single gorgonian.

There are different species of pygmy seahorses. They are: Bargibant's pygmy seahorse, Denise's pygmy seahorse, Pontoh's pygmy seahorse, Satomi's pygmy seahorse, Severn's pygmy seahorse, Walea soft coral pygmy seahorse, Coleman's pygmy seahorse, Japanese pygmy seahorse and Sodwana pygmy seahorse. If the seahorses are small, they are sometimes called pygmy seahorses. They presumably feed on small crustaceans, but more research is needed to confirm the genus' feeding habits.

Pygmy seahorses, like all other seahorses, give birth to live young. It's possible that breeding pairs of Bargibant's pygmy seahorses are monogamous. Males incubate the eggs for two weeks in a pouch before giving birth to up to 34 offspring. Each newborn is only 0.07-inch (2 mm) length.

Pygmy seahorses are threatened by coral reef degradation, habitat loss, ocean acidification, and rising ocean temperatures, to name a few. Bargibant's pygmy seahorses are a coastal species that suffers from habitat degradation due to indiscriminate fishing techniques such as blast fishing and gillnetting, as well as pollution and coastal urbanization. Climate change is also having an influence on the species, with rising ocean acidity and temperatures harming pygmy seahorse coral reef ecosystems. To fully comprehend the magnitude of these dangers to pygmy seahorses and their host gorgonians, more study is required.

Done by: Ei Phyu Sin

Unit 3: Ocean Wonders

Oceanographer [REDACTED]

David Gallo: Underwater Astonishments

Project: Research about Animals with Special Abilities

The Arctic Fox is a type of native fox found in the Northern Hemisphere and is known for its soft and thick fur that allows them to camouflage into the white snow. Also known as snow fox, white fox, or polar fox, the animal is adapted to living in [REDACTED] extremely cold weather. They eat squirrels as well as human remains and are usually preyed on by the red fox, the largest of [REDACTED] their kind. Arctic fox are solitary animals so it is rare to be able to get close to one. They can have 4 to 25 pups at a time and are born blind and toothless.

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Face off

Supporting wildlife comeback is a core element of our work at Rewilding Europe. We recognize the critically important ecological role of all wildlife species, regardless of their position in the food web. As a result of factors such as increased legal protection, reintroduction and population support measures, corridor creation, the mitigation of conflict and the promotion of co-existence, we have seen wildlife - particularly larger animal species - make a comeback across Europe over the last five decades. Yet this only represents the start of what is possible, and also what is needed. With appropriate measures and an increasing tolerance of native wildlife species by man, such species will continue to increase in population size and range.

Done by: Kaung Myat Min

Sec 2 B

Mantis shrimp

Mantis shrimp are carnivorous marine crustaceans of the order Stomatopoda, branching from other members of the class Malacostraca around 340 million years ago. They are among the most important predators in many shallow, tropical and subtropical marine habitats.

Mantis shrimp typically grow to around 10 cm (3.9 in) in length, while a few can reach up to 38 cm (15 in). Some species have specialized calcified clubs that can strike with great power, while others have sharp forelimbs used to seize the prey. Spearers and smashers strike by rapidly unfolding and swinging their raptorial claws at the prey. Smashers use this ability to attack snails, crabs, mollusks, and rock oysters, their blunt clubs enabling them to crack the shells of their prey into pieces. Spearers prefer the meat of softer animals, such as fish, which their barbed claws can more easily slice and snag.

The eyes of the mantis shrimp are mounted on mobile stalks and can move independently of each other. They are thought to have the most complex eyes in the animal kingdom and have the highest visual system ever discovered. Mantis shrimp have the most complex eyes in the animal kingdom. They have between 12 and 16 types of photoreceptor cells in their eyes. Some of these shrimps can tune the sensitivity of their long-wavelength color vision to adapt to their environment. This phenomenon, called 'spectral tuning', is species-specific and is important for mantis shrimp, since they are territorial and frequently in combat.



Anglerfish

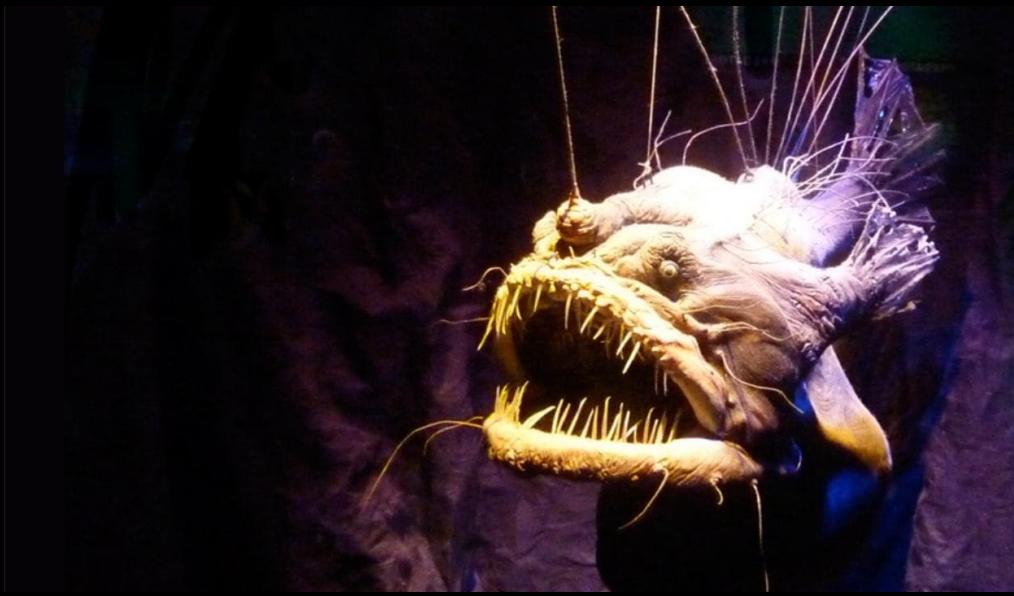
It is a type of fish which lives in the lonely, lightless bottom of the sea. They are dark gray to dark brown in color and have huge heads and mouths filled with sharp, translucent teeth. They live in the murky depths of the Atlantic and Antarctic oceans, up to a mile below the surface, although some live in shallow, tropical environments.

Some angler fish can be quite large, reaching 3.3 feet in length. Most however are significantly smaller, often less than a foot. They can weigh up to 110 pounds.

Their most distinctive feature, worn only by females, is a piece of dorsal spine that protrudes above their mouths like a fishing pole—hence their name. Tipped with a lure of luminous flesh this built-in rod baits prey close enough to be snatched. Their mouths are so big and their bodies so pliable, they can actually swallow prey up to twice their own size.

The male, which is significantly smaller than the female, has no need for such an adaptation. In lieu of continually seeking the vast abyss for a female, it has evolved into a permanent parasitic mate. When a young, free-swimming male angler encounters a female, he latches onto her with his sharp teeth. Over time, the male physically fuses with the female, connecting to her skin and bloodstream and losing his eyes and all his internal organs except the testes. A female will carry six or more males on her body.

The anglerfish uses a shiny lure to bring prey within range of its sharp teeth. But it also has a weirdly clingy side - after finding a female, the male black devil angler latches on and never let go!



Teamwork

For this assignment , I carried out an individual task, meaning doing something yourself alone. I started to do an information research and poster project. Usually it would be with a group. Each person carry out each task and help each other. But for me , since I am doing it alone, it was very stressful. I did all the research, planned out the formats , layouts, art style and decorations. And the gathering of info. I was put under lots of pressure. This takes so much time and work. But with a team. One or more could do the research, another could think of the layout and format and another could think of the art design and decorating. A team can only be called a team when they have good communication with each other and be cooperative. For example, you could look at sports such as Soccer, Basketball, Volleyball ,Hockey etc.. These sports needs teams to play against each other. Playing Volleyball alone against a team? That would be very hard, use common sense. Most of the time , having a team would make u happy when you guys accomplish something that you all try hard for. So my point here is if it's a teamwork project, you should cooperate and be humble.

By,Kyi Phyu (Sec2-B)

Team Power

Doing work with a team is better than doing work alone . If you do your work alone it will take long but if you work with a team it will take less time. There are some work that we have to work alone but most of the work we do with team is better. If we do the quiz with team ,all the team members have to think so we can know the answer quickly . When we work in construction site if we work with a team we can do easily and finish quickly. It also save our time and effort . There is also a saying that is “Team work make the dream work”. It means if we work as a team we can achieve our dreams and goals . Not only in work team work is important in sports and game also team work is important. For example in football we can't get a goal all by ourselves we have to work as a team and pass the ball to make a score . There are also disadvantages if your team if someone don't do their work or don't do it properly the whole team can lose or can get wrong answer. All the members have to do their work properly. That's why we have to work as a team. Because team work is better than working alone.

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Ocean wonders

In the ocean there are many sea creatures and some of them are unknown and rare creatures. Today I want to talk about one of the sea creatures which are also pet animals. It is called "Axolotl". It is kinda cute animal which has legs. Axolotls are long-lived, surviving up to 15 years. Axolotl have an astonishing ability to regenerate body organs and lost limbs. Axolotl can regrow the same limb up to 5 times. Axolotl is a species of salamander with a very unique genetic makeup. Due to a rare condition called 'neoteny', they retain most of their larval features into adulthood, so they have all the features of a tadpole. They are special creatures which have some abilities.

Unit3

Ocean wonders

I want to talk about two animals which have their own special abilities. First one is jelly fish. Jellyfish have no brain, heart, bones or eyes. They are made up of a smooth, bag-like body and tentacles armed with tiny, stinging cells. These incredible invertebrates use their stinging tentacles to stun or paralyze prey before gobbling it up. The jellyfish's mouth is found in the center of its body. Some jelly fish can glow in the dark. You can find jelly fish around the world. Second is an ocean animal called sea cucumber. Sea cucumbers are part of a larger animal group called echinoderms, which also contains starfish and sea urchins. Their body shape is similar to a cucumber, but they have small tentacle-like tube feet that are used for locomotion and feeding. Sea cucumbers are benthic, meaning they live on the ocean floor.

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Animals with special abilities

Ability is defined as a skill or talent, one possess to do something. It's fascinating to discover new things about animals, especially about their special abilities. I made a research on that and today I'd like to share it with you.

1. Immortality

It's shocking to believe but the jellyfish reverts back to its juvenile form after mating. By repeating this process, scientists believe that *Turritopsis nutricula* can live indefinitely.

Supervillain With This Power: Vandal Savage

2. Body Liquification

If you're stuck inside a room where there's no windows, is it possible to transform yourself into liquid state and slip under the door? The answer is, no. However, this case doesn't apply to the sea cucumber, it's a master of turning its body into a giant puddle. It can turn its tissue from solid to liquid.

Supervillain With This Power: Hydro Man

3. Poison Gas Cloud

Some animals, like chameleon would camouflage to hide from predators. Dragon Millipede, have an advanced system of defense, it shoot cloud of hydrogen cyanide.

Supervillain With This Power: Poison Ivy

4. Blood Freezing

The wood frog hibernates by digging into the cold frozen turf found in much of North America. To handle the intense cold, the wood frog freezes its own blood.

Superhero With This Power: Iceman

Ocean Wonders

The oceans of the Earth are full of mysteries and almost alien-like creatures. Did you know, 80% of the Ocean is undiscovered and untouched by humans. Which means there are countless species and creatures we've never come across in the oceans.

To give you a taste of the ocean's strangeness, there are some animals that have curious abilities. Some of them have abilities that allows them to change the appearance of their skin, such as octopi, squids and cuttlefish to name a few. This is possible due to special cells under its skin that contain pigment. The cephalopods can move these cells toward or away from its skin by will, which allows them to morph their appearance.

Cephalopods mainly evolved this skill to hide from predators, the ability to blend into its surroundings aids in their escape from any incoming danger. It can also be used to scare threats away, take the Caribbean reef squid for example. It usually has a plain brown pattern but when a predator passes by, it makes large patterns that looks much like an eye to make it appear larger than it really is.

Even though I'm personally afraid of the ocean, I respect the wonderful species that call it home. The thought of not knowing what or who exists in the deepest depths of the water freaks me out.

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EAT CLEAN	DAY 1	CALL AN OLD FRIEND	DAY 2	READ A BOOK	DAY 3	STAY HYDRATED	DAY 4	DANCE	DAY 5	COMPLIMENT SOMEONE	DAY 6
FOCUS ON YOUR BREATH		FEED A WILD ANIMAL (BIRDS, SQUIRRELS, ETC.)		DONATE OLD CLOTHES, TOYS OR FOOD		THINK OF SOMEONE YOU LOVE		TEXT A FRIEND YOU HAVEN'T SPOKEN TO IN A WHILE		LIST 3 THINGS YOU ARE GRATEFUL FOR	
MAKE A GOAL LIST	DAY 7	DO SOME CLEANING	DAY 8	30 Days Challenge	ASK SOMEONE IF THEY NEED HELP	DAY 9	TAKE A WARM BATH	DAY 10	MAKE A NEW FRIEND	DAY 11	SLEEP EARLY
ASK SOMEONE ABOUT THEIR DAY		SAY 5 POSITIVE THINGS ABOUT YOURSELF			LIST 3 AMAZING THINGS THAT HAPPENED TODAY		MAKE A DINNER FOR SOMEONE		TELL A FRIEND WHY YOU ADMIRE THEM		GIVE A HUG TO SOMEONE
CATCH UP WITH A FAMILY	DAY 13	PICK UP TRASH	DAY 14	YOGA	DAY 15	CREATE A PLAYLIST FOR A LOVED ONE	DAY 16	ASK QUESTIONS	DAY 17	TAKE A NAP	DAY 18
ORGANIZE		LEARN A NEW SKILL			SHARE A FUNNY VIDEO		TAKE FEW DEEP BREATHS OUTSIDE		NO-JUMPING CARDIOS		SEND FLOWERS TO SOMEONE
A BOARDGAME NIGHT WITH FRIENDS											
FACETIME	DAY 19	SEND A POSTCARD	DAY 20	STRETCH YOUR BODY	DAY 21	MEDITATE FOR 10 MINS	DAY 22	GIFT-GIVING	DAY 23	PRACTICE BREATHING	DAY 24
TREAT SOMEONE A COFFEE		PRACTICE GRATITUDE		LENT SOMEONE YOUR FAVOURITE BOOK		SHARE YOUR FAVOURITE SNACK WITH SOMEONE		PRAISE SOMEONE ON SOMETHING		CUDDLE WITH YOUR PET	
SAY THANK YOU	DAY 25	SELF-INTERVIEW	DAY 26	DIY	DAY 27	MAKE A WEEKLY PLAN	DAY 28	MASSAGE	DAY 29	MEDITATE FOR 15 MINS	DAY 30
COMPLIMENT SOMEONE		HOST A MOVIE NIGHT		ASK SOMEONE HOW THEIR WEEKEND WAS		LIGHT WEIGHT TRAINING		SPEAK WORDS OF APPRECIATIONS TODAY		LEAVE POSITIVE COMMENTS ON SOCIAL MEDIA	