Science Journal: Spring Edition



TOP FOUR ENDANGERED ANIMALS

There are so many types of animals in the world but not all of them are thriving.

Many animals are endangered because of being hunted for their skin, fur, and

bones. Here are five of the many endangered animals:





Javan Rhinos are the most endangered rhino species of all five of them (Black, White, Greater one-horned, Sumatran and the Javan rhinos). They once lived throughout Northeast India and Southeast Asia. The last Javan Rhino in Vietnam, was poached in 2010. This species of Rhino is a dusky grey colour, and has one horn that can grow up to ten inches. Its skin has lots of loose folds making the rhino look like it has

armour plating! At the moment it is critically endangered, with only around seventy still living in the wild. This great armoured animal's scientific name is 'Rhinoceros sondaicus' and it grows to a great height of 4.6 - 5.8, a length of 10-10.5 feet, a weight of 1,984-5,071 pounds and lives in tropical forests.



Amur leopard

Most people think of leopards as in the savannas of Africa, but in the far east of Russia, a rare species of leopard has adapted to life in the temperate (think of temperatures like England and colder) forests that make up the northernmost part of the species' range. The Amur leopard, similar to other kinds of leopard, can run at top speeds of 37 miles per

hour. This majestic animal has been known to leap more than 19 feet horizontally (across) and up to 10 feet vertically(up)! The Amur leopard is known to live a life of its own. Nimble footed and strong, it carries and hides its uneaten kills so that they are not eaten by other predators. Some males stay with females after mating and may even help with raising their young. They live for ten to fifteen years in the wild and up to twenty years in captivity.



Sunda Island tiger

The Sunda or Sumatran tiger is one of the smallest species of tiger. Males are usually around 2.3 metres long and can weigh up to 140 kg. females are slightly smaller measur-

ing around 2.1 metres long, and weighing a maximum of 110 kg. Their fur is known to be darker and have the black stripes on their backs closer together and much thick- er than their cousin's. In my opinion, one of the most interesting



facts about Sunda Island tigers is that they have beards and manes of fur around their faces.

Hawksbill turtle

Hawksbill turtles are named for their narrow, pointed beak. They have a noticeable pattern on their shells of overlapping scales that form a jagged,

saw-like look on the edges. These beautiful patterned shells make them highly valuable, and is the reason they are endangered. These hunted turtles are found mainly throughout the world's tropical oceans, mostly in coral reefs. They feed mainly on sponges, but also eat sea anemones and jellyfish. They are usually 30-35 inches, and lay 130 to 160 eggs.

By Sophia Dymock 6L

Giraffes

Why Do Giraffes Have Long Necks?

If they did not have long necks they would not survive due to the fact that they eat leaves. They have to eat so their long necks help them.



Did you Know?

Giraffes have only seven bones in their neck like humans but just larger.

What is a giraffe's diet?

Giraffes' diet is leaves, twigs, acacia, mimosa, and wild apricot trees. Giraffes are herbivores.

What is a Herbivore?

Herbivores are animals which eat only plants as their diet.

Dolphins

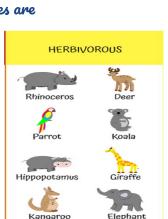
It's important to help dolphins because they are currently endangered activity. There are at least 8 million dolphins in the world.

How can we help dolphins?

- Not throwing plastic bags into the seas and oceans
- Avoid using planes, ships and ferries
- Stop fishing
- Avoid using plastic
- Donate to places that helps how can we help dolphins
- Take action
- Protest
- Don't though items into the seas

By Ayla Brija 6L





Dangerous Animals

How many dangerous animals do you know?

I will have a word search for you at the end! The <u>Australian box jellyfish</u> is considered the most venomous animal in the sea..this means that they are deadly to those they sting.



Portuguese man o war

The Portuguese man o' war (Physalia physalis), also known as the man-of-war, is a marine hydrozoan found in the Atlantic Ocean and the Indian Ocean. The tentacles contain, microscopic capsules loaded with coiled, barbed tubes that deliver venom capable of paralysing and killing small fish and crustaceans. While the man o' war's sting is rarely deadly to people, it packs a painful punch and causes welts on exposed skin.



Saber-toothed Tiger

Saber-toothed cats / tigers became extinct between 8,000 and 10,000 years ago, as the ice age drew to an end and their prey began to die. Saber tooth tigers were short and muscular and, depending on the type, could weigh from about 120 pounds up to nearly 900 pounds! The most impressive features of a sabre tooth tiger were the two long sharp canine teeth coming out of its top jaw. **By Yoan 5R**

Word search time

JJTDHKJFCIHHDIWATERJTIJKH OSMANOWARMCDONALDKKKH KRAKSABERTOOTHTIGEROMGE IAUSTRALIANBOXJELLYFISHHL NOPEINDIANOCEANUDXLMFIL GKYBLOODBATHGDKSHARKSOI BONUSTIMEOMGGRSOMTDUM EXTINCTCREEPYANIMALSAZIIA SCIENCECLUBISFUNRIGHTGFT HEPOOTITANOBOAOYDIMMYE

Saber Tooth tiger Bonus Time Titanoboa Indian Ocean

Australian box jellyfish Fish

Man o war Science Club Is Fun Right

Water Shark

Extinct creepy animal

All About Highland Cows!





Have you ever wondered what touching a highland, fluffy cow was like?

Because I certainly have. These animals are located in the Scottish Highland in the north of Scotland. These unique animals have extremely fluffy coats and there is a reason for it. First of all, like many other animals, they need it to keep warm during winter and the second reason is to protect themselves from getting flies in their eyes.

FUN FACT

Nobody knows if they can even see anything with their thick wool in their eyes.



DIET

Highland cows like to eat a variety of different foods such as straw, grass, hay, green feed or silage in the winter. As for some cows they have their own diet and eat other foods like cereal grains, barley, wheat and corn silage. Also, like many other species, fluffy cows drink lots and lots of water.

HABITAT

Highland cows originated in the highlands (as you already know, that is where they got their name from) and the Outer Hebrides of Scotland. They can also be found

across the south of Scotland, in other parts of Europe and Australia and north and South America too.

Emanuella 5M



<u>Vampire Squid</u>

10 top facts



They sleep like this

Vampire squid can only live up to 8 years.

Did you know that a group of Vampire squid is called A family of vampyroteuthidae.

Did you know that they Are 12 inches (30cm) As big as a normal ruler!

> They have a secret weapon they Shoot out sticky mucus from their tentacle.

Did you know that they Can flip inside out .

They can go up to half a mile down in the deep ocean.

The vampire squid has 5 predators e.g fishes, Sea lions, sharks, whales And cephalopods.

Will they become instinct?
Currently no, they won't because
They are not endangered.



Did you know that they have Blue blood instead of red!

Their eyes are 1 inch across and 8 legs.

By Erika 5M



TARDIGRADE

Tardigrades are tiny free-living invertebrates belonging to the animal phylum Tardigrada. Also known as water bears or moss piglets, they live in a variety of habitats worldwide, from damp moss to sand, freshwater environments, and oceans. Most tardigrades are 0.04 inch (1 millimetre) or less in size. it's a tardigrade—the most 'indestructible' animal on Earth. Also called water bears, tardigrades can survive up to 30 years without food, live in volcanoes, and endure the vacuum of space. Researchers say they could even survive an asteroid impact like the one that led to the extinction of the dinosaurs. Tardigrade can be killed by being exposed to hot water for a long period of time.

By Zeynep and Tiana 5M

LIFE DOWN UNDER

Under the sea

Creatures to be seen

A world of wonder

Magical things to ponder

Sharks and fishes

Unlimited beaches

Lobsters and crabs

Are very glad

To be under the SEA!



by Valeria & Ari 5M

Mythical ANIMALS

The Mighty Griffin is the King of Mythical Creatures. The mighty Griffin, with the head, wings, and talons of an eagle and the body of a lion, is said to represent power and majesty as the ruler of all creatures. Which makes sense since the eagle is commonly cited as the king of birds and the lion as the king of beasts.

Beautiful Unicorns

Unicorns are the beauty of mythical animals. They are often known to have cute or colourful horns. Unicorns are earthbound. They are small but mighty



Werewolves

Some people say that werewolves are scary or horrifying. Well you are correct. Werewolves are scared of silver! The reason for that is the affected by the moon causing them to howl.

by Zeynep Kaska and mostly by Tiana Boateng- Manu

Endangered animals





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Vaquita

The vaquita is the most endangered animal cetacean in the world.

Tiger

Tigers are the most starved animals because people do not feed the endangered species.



Rhinoceros

The rhino remains critically endangered because people are killing them because they want their horns even though it is illegal.

Javan rhinoceros

There are fewer than 80 Javan rhinoceros living in the world. Every single birth is extremely important.



<u>Saola</u>

The Saola is currently considered most critically to be endangered.

Amur leopard

The Amur leopard is the largest cat in the world.





Ayla Brija 6L

TOP THREE CRAZY ANIMALS YOU SHOULD

KNOW ABOUT

Hello and welcome to the craziest article in this magazine (hopefully) TOP TEN CRAZY ANIMALS YOU NEED TO KNOW ABOUT.

So without further ado let's get started!

1. Pink fairy armadillo



The pink fairy armadillo is the smallest animal in the armadillo family at 9 to 11 cm. It has a flexible shell that helps it curl up. Many people have pink fairy armadillos as pets but I don't think that's humane because they deserve to roam free.

2. Proboscis Monkey



Yeah, I know this one looks a bit weird but this little guy is really cool. They're called the Proboscis Monkey and are most commonly found in the jungles of Borneo, never straying far from the island's river's coastal mangroves, and swamps. Proboscis Monkeys are famous for their yellowish brown or red brick fur and their extremely EXTREMELY long noses. So at 66 to 72 cm these goofy little goofy guys are in my opinion really cool

3. Thorny devil



This one looks a bit creepy but it's really cool. Luckily it only eats ants so though it has a creepy appearance it's not going to hurt you. It literally has to puff its body up to ward off predators. The thorny devil is native to Australia and usually lives 6 to 20 years.

Arun 6L

KOALA FACT FILE

What do Koalas do 24 hours a day?

Koalas are lazy animals. They sleep 18 to 20 hours a day. They spend the rest of their time eating. What do Koalas eat?

Koalas eat only one thing: eucalyptus leaves (gum leaves).

How many Koalas are left in the wild?

There are between 117,050 and 244,440 Koalas left in the wild.



Where do Koalas live? And why?

Koalas live in Australia. They can be found in the southeast and eastern parts of the country. It's because Australia is 1 of the countries where eucalyptus leaves grow.

Who do Koalas live with?

Sometimes Koalas live in groups and sometimes on their own. A group of Koalas are called colonies.

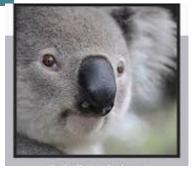
FUN FACTS ABOUT KOALAS

- 1) A baby Koala is called a Joey
- 2)Koalas sleep mostly in trees
- 3)Koalas move slowly- a bit like sloth
- 4)Koalas don't have good eyesight
- 5) Newborn Koalas are the size of a jelly bean!!



Baby Koalas, known as Joeys, eat their mother's poop! Why? Because mother's poop pellets have a protein-rich substance, called pap. The pap helps the baby to grow.

KOALAS ARE SO CUTE!!



FACTS ABOUT ELEPHANTS

- They're the world's largest land animal!
- Rainforest elephants eat leaves, grass, seeds, fruits and tree bark.
- In 2023 there are less than around 400,000 elephants left!
- African rainforest elephants live up to 60-70 years old!
- Elephants' tusks are actually teeth.
- They communicate through vibrations.



Mikayla & Myla 5M

Extinct Animals

Animals became extinct due to habitat loss, lack of food, hunting, pollution, climate change, and overconsumption. Dinosaurs are one of the most well- known extinct animals, it's believed that their extinction was caused by the impact of a meteor and/ or multiple volcanic eruptions.



<u>A Dodo</u> is a type of bird that became extinct. The last dodo was killed in 1681 and then all the birds were never seen again since then. In a matter of fact, they were known as territorial disputes against one another.



<u>Irish elks</u> are an extinct species of deer. Woolly Mammoths are huge species of elephants that were in the stone age. Woolly mammoths became extinct because during the stone age people would kill them for food and weapons.



<u>Sabre tooth tigers</u> became extinct between 8,000 and 10,000 years ago. Sabre tooth tigers weigh more than 200 kg and are armed with

sharp seven - inch canines. The Steller's sea cow is a sea animal that was discovered in 1741 and it also became extinct in 1768.



The Great Auk

What is a great auk? The Great Auk is a great bird of 1835 when it was discovered and people know about its extinction. The great auk became extinct in 1844 July the 3rd. Great auks are native to Arctic and Sub-Arctic. Who killed the last pair of great Auks? A fisherman killed the last pair of great auks in Iceland. Where Great Auks dangerous to humans? No, they weren't dangerous.

Yangtze river dolphin

A Yangtze river dolphin is a species of dolphins and went extinct in 2006 nearly before Year 5 or Y6s were born. When was the last Yangtze river dolphin seen? The last remaining evidence of a Yangtze river dolphin was a photograph that was from 2002.

Sonja 5M

Axolotl Facts

- 1. Axolotls don't have eyelids, so they always sleep with their eyes open.
- 2. They can breathe in and out of water.





- 3. Axolotls live up to 15 years and never lose their baby larva attributes.
- 4. Axolotls can survive out of water, but only for an hour.
- 5. Axolotls can change the colour of their skin to blend in with their environment.



- 6. Their scientific name is Ambystoma Mexicanum (Because they are Mexican).
- 7. Axolotl's kingdom is Animalia.
- 8. Axolotl's family is Ambystomatidae.
- 9. Did you know that Axolotl's nickname is "Walking fish?"
- 10. Axolotls were once considered gods.
- 11. Be aware because if an Axolotl sees you they will beg for food.
- 12. It can regenerate, repair or replace its arms, legs, tail, lower jaw, brain and heart.
- 13. There are about 50 1000 Axolotls left in this world.
- 14. Usually the female will begin to lay her eggs 12 to 20 hours after mating.
- 15. Axolotls eat worms, insects, small fish, and just about anything else that can fit inside their mouth and swallow whole, including other salamanders
- 16. Axolotls have the largest genome ever sequenced 10x larger than that of humans.

Is it a bird?...Is it a plane?...Is it a walking fish? It is an Axolotl!

By Surie, Emanuella & Valeria 5M





<u>Cats</u>

There are 40-70 types of cats in the world. Here are just some of them.

Domestic cats



Siamese cat

- They are one of the oldest breeds.
- Hundreds of years ago, Siamese cats were treasured by royal families in Thailand because of their distinctive, unusual, and beautiful appearances.
- Although Siamese cats have been domesticated in Asia for centuries, they
 didn't appear in the United States until the late 1800s. One of the earliest
 known owners of a Siamese cat was U.S. President Rutherford B. Haye's wife,
 Lucy. Her Siamese cat, named Siam, was a gift from a U.S. diplomat serving in
 Thailand.
- If you have a Siamese cat (or have spent time around one), you know they're extremely talkative.
- Many cats look like Siamese but are technically different breeds, including the Himalayan, Burmese, and Tonkinese cats.

British shorthair cat

- Their other name is BRITISH BLUE.
- Their personalities are affectionate, easy-going & calm.
- Their weight is about 7-17 pounds but males are slightly large.
- Their length is about 22-25 inches.
- Their coat length is short and very dense. Not double coated or woolly.
- Their coat colour is many solid and patterned colours, including white, black, blue, red, cream, smoke, silver, golden, cameo, tabby, tortoiseshell, calico & bicolour.
- Their eye colour varies depending on coat colour and pattern but it could be blue, gold, copper, green, blue-green, hazel or odd-eyed (eyes of two different colours).
- Their life span is 12-16 years.
- Their origin is the United Kingdom.



Russian blue cat

They are very cute to cuddle and to sleep with. They have grey fur and green eyes. Their dense fur makes them very cuddly looking.

Persian Cat

• Personality: sweet, gentle & affectionate

• Weight: 7-12 pounds

• Length: 14-17 inches

• Coat length: long hair

• Coat colour: Blue, black, white, red, cream, chocolate, lilic, silver & golden

Coat patterns: solid, tabby, tortoiseshell & bicolour

• Eye colour: copper, blue, green, blue-green, hazel & odd-eyed

• Lifespan: 15-20 years

• Origin: Persia & Iran

Ragdoll Cat

• Personality: friendly, easygoing, cuddly & social

• Weight: up to 20 pounds

• Length: up to 40 inches

• Coat length: long hair

• Coat colour: chocolate, red, seal, blue, lilac & cream

• Coat patterns: colourpoint, bicolour, mitted & van

• Eye colour: blue

Sphynx Cat

• Personality: Playful, affectionate, friendly, energetic, and loving

• Weight: Less than 12 pounds

• Length: 13 to 15 inches, head to tail

• Coat length: Nearly hairless, peach fuzz

• Coat colour: Any colour, including white, black, red, brown, white, and lilac

 Coat patterns: Any pattern, including solid, bi-color, tabby, tortoiseshell, calico, tuxedo, and pointed

• Eye colour : Any possible feline eye colour

• Lifespan: 8 to 14 years

• Origin : Canada *By Surie 5M*



10 Animals You May Not Know

1.Sea pig

- -If they are brought to the surface they disintegrate
- -They are a type of sea cucumber.
- -They don't swim, they walk on the seafloor.

2.Blue glaucus

- -It's also known as the blue dragon, blue sea slug, blue angels or sea swallows.
- -They use their colour to camouflage themselves against the blue water.
- -If their camouflage fails they have a stinger packed with powerful venom.

3.Poodle moth

- -It has only been found once.
- -Its fur is made of a type of soundproofing sugar.
- -It's not a real moth

4.Panda ant

- -They are actually wingless wasps.
- -It has a painful and powerful sting.
- -The males have large wings allowing them to fly but the females are wingless.

5. Japanese spider crab

- -They like to dress up by covering their shells in sponges, plants and anemones.
- -In Japan they are considered culinary delicacies.
- -Their legs can grow back.

6.Spiny bush viper

- -They are only 2 feet long.
- -It's also called the African hairy bush viper,
- the rough scaled bush viper, the rough scaled tree viper and the bristly bush viper.
- -Their favourite food is frogs and lizards.









7.Golden tortoise beetle

- -The golden tortoise beetles shell covers its head.
- The golden tortoise beetle is one of the few able to show off its golden body.
 - -It only lays eggs in the spring.

8.Goblin shark

- -It can extend its jaw to catch its prey.
- -They are as old as dinosaurs.
 - The goblin shark shrinks as it grows older.

9.Aya aya

- When threatened or excited the aya aya raises its hairs making it look like it has doubled in size.
- They are related to humans.
- They are the world's largest nocturnal primate.

10.Thorny devil

- -They only eat ants and can eat up to 3000 at a time.
- They can drink water through their feet.
- The females are bigger than the males.

By Amarachi 5M





CREATURES IN THE SHADOWS

Wolves

Wolves are not the deadly, bloodthirsty animals we think they are. Wolves are actually highly intelligent and are very social! They often develop close bonds With family members. A well known thing about grey wolves is their howl and they use it to determine their strength and to see if they should attack the next pack.

Bats

Bats are unique in certain ways. For instance, in caves or just their general habitat, bats sleep upside down so if any predator comes, it can drop straight into flight. Many ancient civilisations worshipped bat-like gods including Egyptian gods, roman gods, and greek gods.

Mice and Rats

They both have very high senses of touch, taste and smell but poor vision. They are nocturnal and are really good at learning. Rats are about as intelligent as a dog

Owls

Owls can be found in loads of different habitats and environments including deserts, forests and the Arctic Tundra. Owls eat small rodents like mice and worms but also deer fish.

By Ari 5M



Facts about the.. PURPLE BUTTERFLY!

A strikingly beautiful butterfly the pupil emperor is a large butterfly of the woodlands. It spends most of its time in the treetops feeding on Aphid honey so is often extremely difficult to ever spot.

Purple butterflies are said to be a symbol of renewal and starting over and therefore they are often said to be a good symbol for a fresh start.



by Zahra 6L



Flamingos!

Flamingos are magnificent social birds that can fly. Their pink fur colour is just marvellous but did you know when they are babies they are a dull grey colour? Shocking isn't it? Well just read on to find out more amazing facts about those amazing birds!

Flamingos: Young life!

As a newborn, flamingos are a dull white-grey colour. So when they are first born, they will not leave the nest until four-seven days when they are strong enough to stand and walk. And if you're wondering, parents will recognize their chick by sight and vocalisations. Also, their parents are quite protective so it stays close to its chick as it explores the habitat.

Magnificent isn't it? Look at how adorable The little chick looks. So small and cute. And there is also its flamingo Parent protecting it.



Samaa 6L

All you need to know about Jaguars!

The jaguar is a large cat species and the only living member of the genus Panthera native to the Americas. With a body length of up to 1.85 m and a weight of up to 158 kg, it is the biggest cat species in the Americas and the third largest in the world.



They eat peccaries, capybaras, pacas, agoutis, deer, opossum, rabbits, armadillos, caimans, turtles, livestock, as well as various reptiles, birds and fish species.



By Isabella 6L

BIG CATS



The term "big cat" is typically used to refer to any of the five living members of the genus Panthera, namely the tiger, lion, jaguar, leopard, and snow leopard, as well as the non-pantherine cheetah, cougar, puma, lynx and black panther.

Tiger

Tigers are mostly found in places like South-SouthEast Asia, China and Eastern Russia. They thrive in temperate, tropical or evergreen forests, mangrove swamps and grasslands. They are the largest amongst the other types of big cat and can live up to 25 years.

Lion

The lion is a large cat of the genus Panthera, native to Africa and India. It has a muscular, broad-chested body; a short, rounded head; round ears; and a hairy tuft at the end of its tail. They like to hunt during storms and eat Zebra, Wildebeest and sometimes steal kills from hyenas or leopards. Amongst the big cats, the lion is the only social animal. While other big cat species have a mostly solitary life in the wild, lions almost always live in groups, called prides, of up to 30 adults and their offspring.

Lynx

A lynx is any of the four extant species within the medium-sized wild cat genus Lynx. The name originated in Middle English via Latin from the Greek word lynx, derived from the Indo-European root leuk-, in reference to the luminescence of its reflective eyes. Canadian lynx live in dense forests where their main prey item, the snowshoe hare is found. When the snowshoe hare population drops so does the Canadian lynx population. It also eats red deer, birds, rabbits, hares, rodents and foxes.

Cheetah

The cheetah is a large cat and the fastest land animal. It has a tawny to creamy white or pale buff fur that is marked with evenly spaced, solid

black spots. The head is small and rounded, with a short snout and black tear-like facial streaks. The cheetah is the oldest cat on darth and they like to eat small antelope including springbok, steenbok, duikers, impala and gazelles, as well as the young of larger animals including warthog, kudu, hartebeest, oryx, roan and sable.

By Ifigeneia 6L

Extinct Animals:]

The titanoboa is the biggest snake in the world! It grows up to 13 metres in length! It is 60 **million** years old, so it is now extinct. Fossils were found in 2009 at Columbia. That's crazy!





It's thought that saber tooth tigers were short and muscular and, depending on the type, could weigh from about 120 pounds up to nearly 900 pounds! The most impressive features of a saber tooth tiger were the two long sharp canine teeth coming out of its top jaw.

Megalodon is an extinct species of the mega sharks. It is considered to be the largest shark as well as the largest fish that ever lived. Megalodon fossils have been found that are dated back around 225 million years ago.

Tyrannosaurus Rex was one of the fiercest predators of all time. The TRex had a massive body; a mouth full of 60 eight-inch-long, super sharp teeth; and the strongest bite of any land animal ever. Its jaws could have crushed a car.

The Helicoprion was a carnivorous fish that inhabited the seas approximately 290 to 225 million years ago during the Triassic period. This fish is notable for its distinct spiral-shaped tooth whirl arrangement, which has intrigued scientists for many years.

Pranav 5R





A Koala's scientific name is Phascolarctos cinereus. Koalas weigh twenty pounds. The average lifespan in a Koala is 20 years. Even though eculaptus trees are toxic Koalas have a powerful digestive system. The class is Mammalia, Domain is Eukaryota and family is

Phascolarctidae. Koalas are not bears they are marsupials. They are Australian.

Poem about koalas

Koalas are very small,
They're not bears they're marsupials,
The class is Mammalia,
The Domain is Eukaryota,
Koalas are not bears,
Lifespan is twenty years,
Koalas in the eucalyptus tree,

Eating all the leaves that they can see.





Easter Bundle Of Fun



How to make your own Easter eggs!

Step1

Get some chocolate. (your choice of flavour)

Step2

If can get easter egg moulds

Step3

Pour your melted chocolate in the moulds (ALWAYS MAKE SURE AN

ADULT HELPS YOU!)

Step4

Whilst waiting for it to cool down in freezer do something fun

Step5

get another egg(from moulds)

Step6

Put candy, chocolate or fruits

Step?

get melted chocolate put some to attach each egg

Step8

enjoy

Titana 5R





