

PREPARED BY
LET'S BE GREEN GROUP

CREDITS FOR
SAM BENTLEY

SUSTAINABLE MAGAZINE



SMALL
THINGS
THAT TAKE
CARE OF
OUR PLANET

17/03/2026

OUTLINE

ACTIVITIES & SAM BENTLEY

| ACTIVITIES | SAM BENTLEY |
|------------------------------|-------------|
| CLIMATE CHANGE | |
| EXTREME WEATHER | |
| NATURAL SOURCES OF ENERGY | |
| ANIMALS | |
| SAM BENTLEY | |
| ENTERTAINMENT | |

GET TO KNOW

**Welcome to our Let's Be Green magazine!
In this section, you can get to know our class
and our work.**

**We are a group of students from 3rd ESO who
have worked together to create this magazine.**

**During this term, we have done different
projects about the environment, like climate
change, animals and extreme weather.**

**Each student worked on different articles,
researching information and designing pages.**

**We also included creative sections like
entertainment and advertisements to make the
magazine more interesting.**

**We hope you enjoy our magazine and learn
more about how to protect the planet.**

EXTREME WEATHER EVENTS

BY: MARINA SAURA RALUY
17/03/2026

In our Let's Be Green class, we worked on a project about the most extreme weather events in the world.

We worked in groups and searched information about different events like the deadliest tornado, the longest heat wave or the strongest hurricane. We looked for when and where they happened, their records and their impact on people and the environment.

Then, we created a poster with all the information and images to make it more visual and easier to understand.

We did this project to learn more about climate change and extreme weather. It is important because these events can be very dangerous and are happening more often, so we need to be more informed and protect the planet.

WORLD'S DEADLIEST TORNADO
When: April 1989
Where: Tazewell, Missouri
Impact: 175 victims.



LONGEST HEAT WAVE
When: During 1937
Where: Yuma, Arizona
Impact: The temperatures reached during 101 days.



WORLD'S MOST INTENSE SNOWSTORM
When: February 1972
Where: Northwestern, central and southern Iran
Impact: The storm killed more than 4,000 people and destroyed 200 villages.



MOST RAIN IN A DAY
When: 8 January 1966
Where: Cilaos (Indian Ocean)
Impact: 1825 millimeters in a 24-hour period.



Longest Heat Wave
Longest Heat Wave
1991 Eastern United States - Extremely Prolonged (> 50+ days)



Most Intense Snowstorm
The deadliest snowstorm in recorded history occurred in Iran in February 1972. This catastrophic blizzard lasted a week, killed more than 4,000 people, and left up to 8 meters of snow in some areas.



Most Rain in a Day
Record amount: 1,825 mm (71.8 inches)
Location: Foc-Foc, Réunion (a French island in the Indian Ocean)
Date: January 7-8, 1966
Cause: Tropical cyclone Denis



Longest Lightning
Longest lightning bolt in recorded history: 3.21 km (2.00 miles)



DESTRUCTIVE HURRICANE
When: August 2005
Where: Gulf Coast of the United States
Impact: Hurricane Katrina caused 1,833 deaths.



HIGHEST TEMPERATURE
When: 10 July 1913
Where: California
Impact: It reached 56.7 °C.



HIGHEST TEMPERATURE
When the sun rises in Antarctica, the temperature is 14.6 °C.

Tallest Sea Wave
When: on July 9, 1958
Where: Lituya Bay, Alaska
Impact: 524 meters run-up.



Héctor Molina

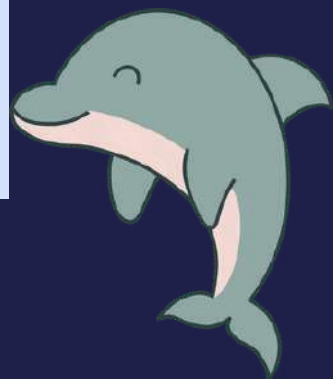
17/3/26

ANIMAL FACTS

In this activity we have created facts about them.

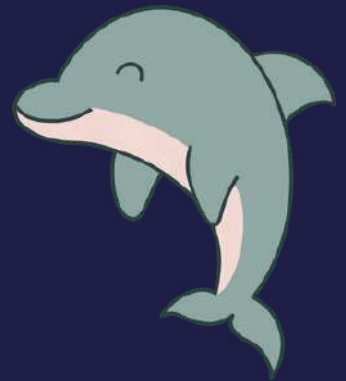
For this activity, we made a poster where we wrote ten or more interesting facts about all kinds of animals. We also had to draw them with the interesting fact written next to them. And if you had extra time, you could also color the drawings.

In conclusion, this activity aims to teach young people about interesting facts about animals.





ANIMAL FACTS



ANIMAL FACTS

1. Giraffe is the tallest animal in the world. It can reach up to 18 feet high.
2. Octopus has three hearts. Two pump blood to the gills, and one pumps it to the rest of the body.
3. A group of kangaroos is called a mob.
4. A koala's main food is eucalyptus leaves.
5. A platypus is the only mammal that lays eggs.
6. A sloth can survive for up to 3 years without eating.
7. A kangaroo can jump up to 20 feet high.
8. A koala can live for up to 14 years.
9. A platypus has a bill that can detect electric fields.
10. A sloth can move as slowly as 0.03 miles per hour.

ANIMAL FACTS

1. The octopus has three hearts.
2. A koala's main food is eucalyptus leaves.
3. A kangaroo can jump up to 20 feet high.
4. A platypus is the only mammal that lays eggs.
5. A sloth can survive for up to 3 years without eating.
6. A kangaroo can jump up to 20 feet high.
7. A koala can live for up to 14 years.
8. A platypus has a bill that can detect electric fields.
9. A sloth can move as slowly as 0.03 miles per hour.
10. A giraffe is the tallest animal in the world.

ANIMAL FACTS

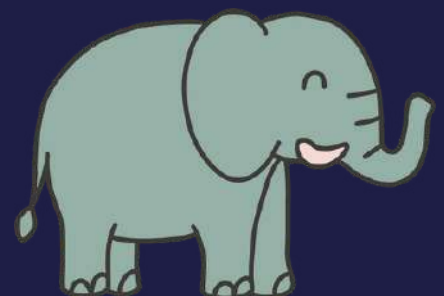
1. The octopus has three hearts.
2. A koala's main food is eucalyptus leaves.
3. A kangaroo can jump up to 20 feet high.
4. A platypus is the only mammal that lays eggs.
5. A sloth can survive for up to 3 years without eating.
6. A kangaroo can jump up to 20 feet high.
7. A koala can live for up to 14 years.
8. A platypus has a bill that can detect electric fields.
9. A sloth can move as slowly as 0.03 miles per hour.
10. A giraffe is the tallest animal in the world.

ANIMAL FACTS

1. The octopus has three hearts.
2. A koala's main food is eucalyptus leaves.
3. A kangaroo can jump up to 20 feet high.
4. A platypus is the only mammal that lays eggs.
5. A sloth can survive for up to 3 years without eating.
6. A kangaroo can jump up to 20 feet high.
7. A koala can live for up to 14 years.
8. A platypus has a bill that can detect electric fields.
9. A sloth can move as slowly as 0.03 miles per hour.
10. A giraffe is the tallest animal in the world.

ANIMAL FACTS

8. A sloth can survive for up to 3 years without eating.
9. A kangaroo can jump up to 20 feet high.
10. A giraffe is the tallest animal in the world.



CLIMATE CHANGE

ANDREI NISTOR

What did we do

We began to learn about climate change when we told what do we know about climate change

Then we talked about the climate change and what it cause to affect our planet

A consequence from this is that the glaciers in the artic are falling because of the world temperature is slowly rising

Also with the glaciers falling the sea level is rising too and slowly countries will start to be flooded



We also did a writing where
wrote about what we think
about the climate change

and if we had any ideas on how
to help change into better our
planet

CLIMATE CHANGE



NATURAL RESOURCES OF ENERGY

ERIK MARTÍNEZ
17/3/2026

RENEWABLE RESOURCES

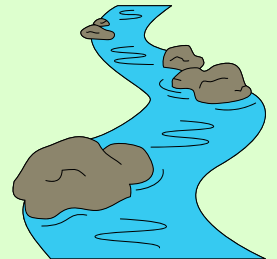


SOLAR

Solar power is generated by the sunlight converting it into electricity.

HYDRO

Hydroelectric power is generated by the energy of the water current or falling water.



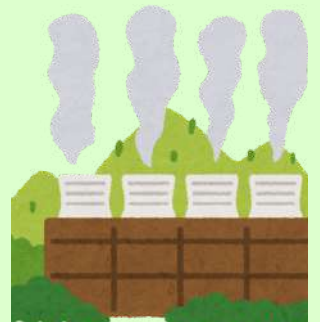
WIND

Wind power is generated by capturing the kinetic energy of wind.



GEOTHERMAL

Geothermal energy is produced from the heat the Earth produces.



BIOFUEL

Biofuel is produced from organic things, like plants and animal waste.



NON-RENEWABLE RESOURCES

FOSSIL FUELS

Because fossil fuels were generated from the decomposition of plants and animals millions of years ago, they will inevitably deplete.

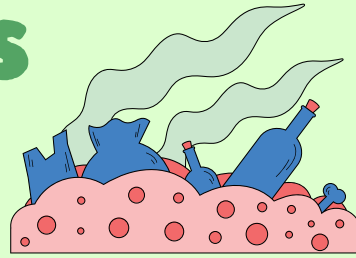


COAL

Coal takes millions of years to create, and because we use it a lot, we will run out of it soon.

NATURAL GAS

Natural gas, just like coal and fossil fuels, comes from a resource that cannot be regenerated over time and is classified as a non-renewable resource.



NUCLEAR

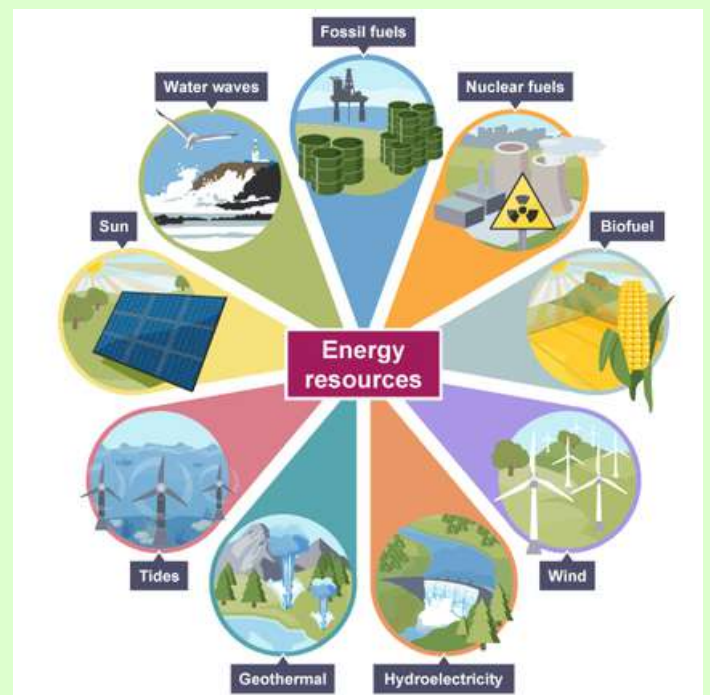
Nuclear energy is considered non-renewable because of its reliance on finite resources.

In this term we have learnt about Energy sources, which has 2 types in it: the renewable and the non-renewable.

Renewable: Hydroelectricity, Wind, Solar, Geothermal and Biofuel.

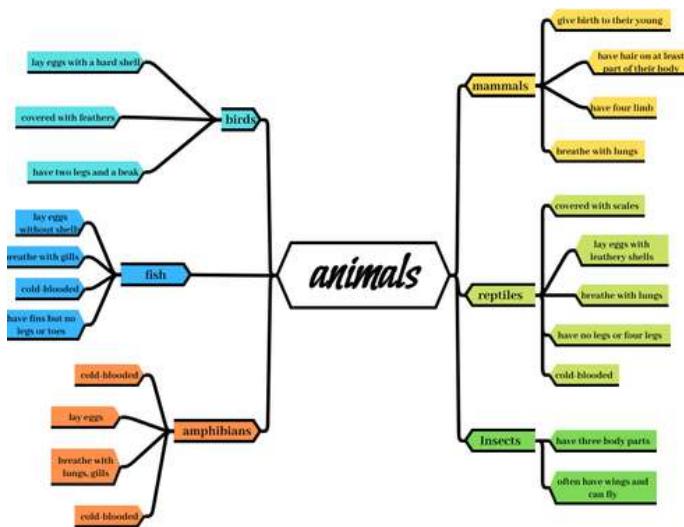
Non-renewable: Fossil fuels, Coal, Natural gas and Nuclear.

We've done an activity where we watched a video to answer some questions and we have chosen an energy source to search for: Energy store, Renewable or non-renewable, Uses, Power output, Impact on environment





ANIMAL MINDMAP



PROCES

First, I took a piece of paper. Then, my friend and I drew a lion. In the next class, we looked for info to finish the work and give it to the teacher.

IMPOTANZE

It is very important because it helps you organize your ideas, remember everything with drawings, and learn how to work with your friend.



SAM BENTLEY

SAM BENTLEY IS A CONTENT CREATOR WHO FOCUSES ON ENVIRONMENTAL STORIES AND INNOVATIVE SOLUTIONS AROUND THE WORLD. THROUGH HIS VIDEOS, HE SHARES INSPIRING IDEAS THAT HELP PROTECT NATURE AND PROMOTE SUSTAINABILITY. HIS WORK SHOWS THAT SMALL ACTIONS CAN CREATE BIG POSITIVE CHANGES FOR THE PLANET.



Trashy shoes

An indian guy called Ashay Bhave has designed shoes made entirely from trash! He created a company (Thaely) and they are on a mission to fight plastic and pollution and improve people's lives.

So he created sustainable sneakers, they are made of at least 12 recycled bottles and 10 plastic bags. Thrown away bags are gathered from streets, stacked, and compressed to make a canvas-like material. The rubber sole is made from old shoe soles and tires too. Even the shoe box is made with Basil seeds! Their employees receive fair pay, housing support...

India has some of the highest levels of plastic waste in the world, so it's great to see a young boy taking care of her country.



UNDERWATER MUSEUM

A 60-year-old Italian fisherman called Paolo Faciulli who's been fighting with illegal trawling (a type of fishing that throws nets on the sea to reduce fish population and destroy marine habitats). He created 80 huge marble artworks with local sculptors and dropped them into the Mediterranean Sea. With these heavy sculptures they created an underwater museum. This really works and helps reduce illegal fishing. Habitats are growing up again and there are more animals!



TREE OFFICERS

A rainforest connection of Indonesia created a system to help protect forests. It was made to stop deforestation and protect animals that live in trees. They put a powerful microphone and a special panel that detects the noise from long far away when someone is cutting down trees illegally.

This system calls to the police to arrest people who are trying to cut down trees without permission.



SAM BENTLEY

Who is Sam Bentley? is a British content creator, climate activist, and social media influencer.

✉ Eloi Tribo Mas

☎ 3rESOA

📍 Optativa

Sandbag Shelter

What are they for?

they are built because they are a fast, affordable, and sustainable housing solution

why are builded the sandbags shelter's?

because are Cheap and accessible, it uses local materials
Are sustainable
Durable and resistant, even against extreme weather or disasters

sandbag's shelter's



Crocheted Shade

What are they for?

They are used to create shade in outdoor spaces, helping to keep areas cooler and protect people from direct sunlight. They can also make places look more colorful and creative.

why are builded the crocheted Shade?

- it's builded to reuse materials
- make spaces feel more relaxing and colourfull



Clean water from air

- Air always contains some water vapor .
- A machine pulls in the air and cools it down.
- The vapor condenses into liquid water .
- Then the water is filtered and cleaned so it is safe to drink.



SAM BENTLEY



WILDLIFE CROSSINGS

SHOWS SAFE PASSAGES FOR ANIMALS AFFECTED BY ROADS. MAIN IDEA: PROTECT WILDLIFE WITHOUT STOPPING HUMAN DEVELOPMENT.



MINI REEF WALLS

Sam Bentley explores how small artificial reefs can help restore marine ecosystems. These mini-reefs provide shelter and food for fish and other sea creatures, increasing biodiversity and improving ocean health. The video shows how even small interventions underwater can make a big difference, highlighting the importance of protecting our oceans.



LANZAROTE'S SHIELD CROPS

IN LANZAROTE, FARMERS USE STONE WALLS TO PROTECT THEIR CROPS FROM STRONG WINDS AND CONSERVE WATER IN THE DRY, VOLCANIC LANDSCAPE. SAM BENTLEY SHOWS HOW THESE TRADITIONAL TECHNIQUES ALLOW AGRICULTURE TO SURVIVE IN HARSH CONDITIONS WHILE RESPECTING THE ENVIRONMENT. THE VIDEO HIGHLIGHTS HOW ANCIENT KNOWLEDGE AND SMART DESIGN CAN SUPPORT SUSTAINABLE FARMING.



Sam Bentley

By: Larisa Tanase

17/03/2026

What does sam bentley do?

Sam Bentley is a climate activist and sustainability content creator who has worked in social media for a long time.



In class we have been listening to Sam's videos and saying what he was saying in the video and now I will explain one of the three videos that we have listened to in class. In my opinion, with the videos he makes, Sam wants to explain to us what we don't see every day and what exists in others countries, and I think it helps us a lot to have a different perspective on the world.



Trasy leather.

In that video there are Indonesian friends turning waste from farms into leather. They are called MYCL and they're using waste from palm plantations that is usually burned to grow mushrooms and make leather. They inspired by traditional Indonesian food "Tempeh" which is made by bonding together. They use the same concept, but replace soybeans with agroforestry waste which buy from farmers to make the leather.



Cool cat shelters.

In that video people are converting old coolers into shelters for stray cats, to keep them warm during winter. To create that one you start by making a hole that's a big enough for a cat, then line the hole with foam or thick tape, fill the cooler with straw to create a soft warm bed.

Underwater subway.

In the video the old subway cars are dropped into the ocean. So the subway cars are usually scrapped and recycled, but in New York inspired by shipwrecks to new reefs. They cleaned over 2,500 cars removing seats and petroleum products and transported them by barges, and dropped them into the Atlantic ocean.

ENTERTAINMENT



Animal Word Search

U S C E R B O A L R K H E R E
I O E K I C X X M O N K E Y L
O W R A N A F O A I R G R R T
H N E N U M E L S H I G R D R
P O T S F E A T B T K F U U U
R E T L R L T Z E B R A C A T
L I O N G E T K E E A I I O I
T W D U W L R R R A E R C U R
R E E A A E H A X R A E W H P
W I E L E P O H R B L E G L A
I Z R S O H T S B A D E O O N
S T R E O A N I H P L O D R D
R O E I X N T W B I C A E D A
H E F O R T T Z L E E K T R E
S B F B R G I R A F F E D F E

TIGER
ELEPHANT
TURTLE
CAMEL
GIRAFFE
OTTER

LION
DOLPHIN
SNAKE
KOALA
BEAR
HORSE

DOG
RABBIT
OSTRICH
PANDA
FOX
WHALE

CAT
WOLF
MONKEY
ZEBRA
DEER
SHARK



GUESS THE NAMES OF THE ANIMALS (FUN FACTS)

Read the definitions and guess the name.

1

They are the non-human mammal we know of that can keep a beat.

2

They are species that can "reset" their cells to an earlier stage of their life cycle when faced with a threat.

3

They breathe by extracting oxygen from the water through blood vessels in their butt.

4

They have a sense of smell that is 100,000 times greater than a human's.

5

They are the only big cats that lives in groups, called prides.

6

Have the same number of neck bones as humans.