

## TEAM PROJECT 3:

## SAVING ENDANGERED SPECIES ON EARTH USING SPACE TECHNOLOGY

Did you know your teacher is a billionaire?! They are looking for business investments or to give money to charitable projects. You need to persuade the billionaire to give money to your project.

**Your project is about using images of the Earth taken from satellites in Space to look after the natural world and protect endangered animals. How might you use the information from those images?**

### YOUR TASK

**Prepare and deliver a 3-minute winning pitch to your billionaire teacher:**

- ▶ Choose any form of pitch such as film, infographic, live presentation.
- ▶ Use any kind of relevant material.
- ▶ **Engaging beginning** – to get your billionaire's attention and so they know what your project is about.
- ▶ **Strong middle** - how your project will work and how much it will cost.
- ▶ **Memorable ending** – what difference your project will make to the planet and our lives!

**20 minutes to prepare your pitch:**

- ▶ 5 minutes to plan
- ▶ 10 minutes to research
- ▶ 5 minutes to practice

**Choose a team role** (you don't have to use them all, or you can have more than one person with that role):

- ▶ **Team leader** to guide the team and make the best of people's skills and interests.
- ▶ **Presenter** to deliver the pitch to the billionaire.
- ▶ **Researcher** to look up the material you use in your presentation.
- ▶ **Graphic designer** to take care of how your presentation looks.
- ▶ **Financial manager** to plan how much money to ask for and on what it will spent.
- ▶ **Lawyer** to look after any disputes and make sure your project is legal.



## PROJECT INFORMATION (clues to help you!)

- ▶ Find your school on google maps and then zoom out. Wales is a very green country! It is covered in grasslands, mountains, forests, and lakes, where many wild animals live.
- ▶ Why is it good to look at the Earth from Space?
- ▶ What do satellites let us do to protect animals?
- ▶ Think about this and tell the billionaire your ideas in your pitch.

The links below could help you to provide evidence to persuade the billionaire. The billionaire might not be very familiar with why satellite images of the Earth are very important, so make sure you can explain that to them.

<https://www.google.co.uk/maps/> (find your school here using satellite images)

<https://www.devex.com/news/space-tech-is-helping-conservation-efforts-better-inform-development-in-africa-97328> This link explains how endangered animals in Africa can be protected from poaching with the help of satellite information. Make sure you tell the billionaire how satellites can help, such as creating accurate maps so we know where animals are, and can protect them!

<https://www.chesterzoo.org/news/the-secret-lives-of-rare-giant-pangolins/> How are satellite tracking devices helping giant pangolins? Which animals would you use satellite technology to protect?

<https://www.zsl.org/conservation/how-we-work/conservation-technology/instant-detect> How is satellite technology being used in this project?

Your billionaire is probably Welsh or lives in Wales. They might ask what do these animals have to do with them?

<https://www.gwct.org.uk/game/research/species/woodcock/tracking-woodcock-by-satellite/> This article explains how we are trying to stop the decline of woodcock numbers in Wales. What have they discovered already?

You could tell the billionaire about some of the different jobs and careers that this use of space technology can help to create.

## IMAGES

What images might help with delivering your pitch?

You might find or draw an image of a Woodcock. Show the billionaire this as an example of how satellite technology is being used to protect wildlife in Wales and across the world.

To get the billionaire's attention, you might ask them what wildlife they see where they live. You could mention the strange story of how Woodcock often migrate so as to arrive in Wales at the time of the full moon in October and November!

