

## TEAM PROJECT 5:

## USING SATELLITE IMAGES TO HELP WITH EMERGENCY ASSISTANCE IN DISASTERS

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 satellite images to help plan emergency response in disasters. What kinds of situations would this help with?**

### 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. The earth is a big place! If there were a huge natural disaster near your school, why would it be helpful to see this disaster from space? What do satellites let us do? 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)

You might explain to the billionaire that satellites can't stop a flood, or an earthquake or tsunami, but they can save lives by helping predict disasters, giving quick warnings when they happen, and getting emergency services to the disaster area more quickly and more efficiently.

<https://odihpn.org/magazine/using-satellite-imagery-to-improve-emergency-relief/>

This is an article about how satellites can help in emergency disasters.

**(Clue!)** The first section of this article tells us why good maps have always been very important. You might include this in your pitch.

**(Clue!)** Look at the end of the section called **Space based technologies: an expanding role in humanitarian relief**. It is about the many uses of satellite information in emergency disaster aid. Consider telling the billionaire about this, and the many lives that could be saved, alongside the jobs that could be created.

## IMAGES

What images might help with delivering your pitch?

Find and use an image of a disaster taken from space.

## PITCH IDEAS

Using satellites is all about seeing more detail of what is happening on Earth, and then using that information. Your presenters could ask the billionaire to roll up a sheet of scrap paper into a tube and look at your class through it with one eye with their other eye closed. Then ask them to look at the class with both eyes open. Now tell the billionaire that this is like looking at emergency disasters without, and then with satellites! **(If your presenters do this first, this will help the billionaire to do it too!)**

