

TEAM

PROJECT 1:

FOOD, LAND AND PEOPLE - LOOKING  
AFTER LIFE ON EARTH FROM SPACE

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 making sure we all have enough to eat. You are pitching to use satellites in space to take images of land, crops, and communities. 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. The Earth is a big place! Why is it good to look at the Earth from Space? What do satellites help 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)

<https://www.newscientist.com/article/mg23030771-300-satellites-and-artificial-intelligence-provide-intel-from-space/> Look at the last two sections of this article, 'Not missing out' and 'In the dark about poverty'. What are satellites being used for here and how do they benefit our planet?

## IMAGES

What images might help with delivering your pitch?

You might find or draw images of 1 crop grown in Wales and 1 crop grown in Africa. Tell your billionaire you can monitor these crops from space (the links below might give you an idea of which crops to use).

[https://en.wikipedia.org/wiki/Agriculture\\_in\\_Angola](https://en.wikipedia.org/wiki/Agriculture_in_Angola) (look in the section on production)

[https://en.wikipedia.org/wiki/Agriculture\\_in\\_Wales#:~:text=Types%20of%20farming,-See%20also%3A%20Land&text=Arable%20crops%20grown%20in%20Wales,available%20early%20in%20the%20season](https://en.wikipedia.org/wiki/Agriculture_in_Wales#:~:text=Types%20of%20farming,-See%20also%3A%20Land&text=Arable%20crops%20grown%20in%20Wales,available%20early%20in%20the%20season) (look in the section on types of farming)

## PITCH IDEAS (choose a suggestion below, or come up with your own)

- ▶ Monitor how well crops are growing over huge distances – how often would you take images of a particular area to compare them and spot differences?
- ▶ Measure how much crop will be produced – will there be enough for nearby communities? Can some of it be shared with other communities that need it?
- ▶ Make decisions about how much water is needed for the crops – what levels of water are there in nearby lakes? How much of it can be used for growing plants? How much of the water will local communities need to use?
- ▶ Monitor and predict where pests might be a problem for crops - where are the best places to grow crops? Are crops being damaged by pests? Do pesticides need to be used?
- ▶ To get the billionaire's attention, you might ask them what their favourite food is, and where the ingredients come from. How can we make sure more people have access to that food?

