

SATELLITES, EARTH AND THE ENVIRONMENT

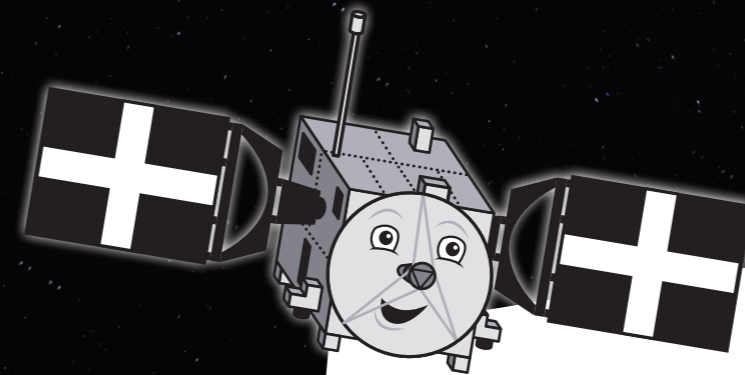
BY USING SATELLITES TO OBSERVE THE EARTH AND MONITOR WHAT IS HAPPENING HERE, WE ARE ABLE TO SEE WHAT WE CAN CHANGE TO MAKE THINGS BETTER.

Satellites can be used to monitor things such as ice, oceans, land, the Sun and the atmosphere. Environmental satellites can inform us about things like climate change, pollution levels and greenhouse gases. Once these areas are monitored, different plans can be put in place to try and limit negative impacts as effectively as possible.

Ocean-based satellites can be used for things like monitoring sea temperature and coral reefs, tracking animals such as whales and even helping in emergency situations by assisting with communications.

When looking at the land, satellites can help inform farmers about which areas of their fields need extra care. They can also provide GPS information, helping us travel more easily, and inform us about extreme weather events, like droughts and forest fires.

Satellites are also important to the developing world. For a country like India, with populations separated by rough terrain and different languages, communication satellites provide access to education and medical expertise that would otherwise not reach them.



TASK 12: CAN YOU ANSWER LORELL'S QUESTIONS BELOW?

WHAT INFORMATION CAN BE GATHERED BY USING OCEAN-BASED SATELLITES?

.....

.....

.....

WHY MIGHT FARMERS USE SATELLITES TO HELP THEM WITH THEIR JOB?

.....

.....

.....

WHICH WORDS DESCRIBE INDIA'S ROCKY, UNDEVELOPED LANDSCAPE?

.....

.....

.....

SATELLITES CAN HELP PROTECT ENDANGERED SPECIES. HOW MIGHT THEY DO THIS?

.....

.....

.....

