Brainstorming Activity

In your groups, try to think of 5 things on Earth (or in space) that would benefit from atmospheric monitoring. Things could include holes in the ozone for example.

Step 1

Select 1 person in your group to be the scribe. This person must write down everyone’s ideas as you come up with them.

Step 2

In your groups, think of some ways the atmosphere affects us on Earth.

Aim: 10 ideas

Time limit: 5 minutes

Possible Answers: rain, storms, radiation protection, oxygen production from trees, heating and cooling, transportation, etc.

Step 3

Now, think about ways that we interact with the atmosphere.

Aim: 10 ideas

Time limit: 5 minutes

Possible answers: receive sunlight, hear sound, airplane transportation, pollution emissions, burning fire, breathing, sunburn/skin cancer, etc.

Step 4

Now, let’s try to join these two sets of ideas and brainstorm things that would benefit from monitoring the atmosphere. Don’t worry if you’re not sure, just think of any crazy idea!

Aim: 5 ideas

Time limit: 5 minutes

Possible answers can include:

Holes in the ozone, Radiation, Changes in the magnetic field, Global warming, Weather patterns, Oxygen production from forests, Wind patterns, Volcano eruptions, Hazardous factory pollution, Carbon emissions, Rainfall and snow

Step 5

As a team, share your ideas with the rest of the class.

Can you think of anymore after hearing your classmates ideas?