

Year 3 Science

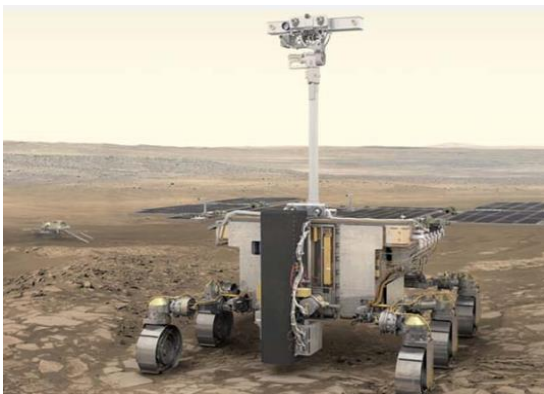
Mars is known for its intense dust storms, particularly through the summer season. Some dust storms throw so much dust up into the Martian atmosphere that they can be seen through telescopes on Earth. Martian dust storms can grow up to the size of continents and last for weeks. Scientists have observed that once every three Martian years (five and a half Earth years) the storms become huge and combine together to form global dust storms, with winds of up to sixty miles an hour. Global dust storms reduce the amount of sunlight reaching the surface of Mars.

How could dust storms affect the growth of crops on Mars?



Can you answer the question 'How could dust storms affect the growth of crops on Mars?'

- What conditions will be needed for astronauts to grow food on Mars?
- How might a dust storm affect the conditions in Martian settlements?
- How might dimmer light affect plant growth?
- Do you think all crops would be affected by changing brightness of light in the same way?



You can present your answer in any way that you want. It could be a PowerPoint, a poster, a short video, a collage or anything else you can think of.