

Food on Mars

Insert the missing words.

Air, greenhouse, warm, temperatures, the Sun, the atmosphere, dust storms, cold, plants, Earth, water, light, Mars

On Earth it is easy to grow food because here is everything plants need. Plants cannot survive without _____ from the Sun, _____ from the atmosphere and _____ from the underground. For plants to grow, it must not be too _____ or too _____. So, it is important that there is the right _____. When we are going to live and survive on Mars, there are several things that can make it difficult to cultivate _____. Because _____ is further away from _____ than _____, the temperature is lower. In addition, _____ is thinner and as a result, the heat and the temperature fluctuate a lot. Furthermore, there are often great _____ on Mars, which can cover for sunlight for several days. But by building a _____ where you monitor the temperature and light from the Sun, you can ensure that artificial light and heat is turned on when the plants need it.

What are the challenges of growing food on Mars?

Draw your greenhouse and robot system on the back.

Consider what to do when the temperature drops, or the light disappears.



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