Satellites- Correct the sentences

1 Name two things that satellites are used for.

Satellites in Space



The first satellite, Sputnik 1, was launched into space by the Soviet Space Programme in 1957. It was a small, round, metal object with four radio antennae. Sputnik 1 orbited Earth for three months before it broke up in space. Since then, as science and technology have developed, many countries have launched satellites into space. Today, satellites are used for a wide range of things, including mapmaking, telecommunications, global positioning systems (GPS) and environmental information collection.

In 2015, the Mohammed bin Rashid Space Centre (MBRSC) was founded by Sheikh Mohammed bin Rashid in Dubai to support science and technology in the Emirates. The centre, and its 68 engineers, aim to create a new space industry in the Emirates. Its projects include the Emirates Mars Mission and the development of satellite technology. Dubai and Abu Dhabi have each launched two satellites into space and the MBRSC is preparing to launch a fifth satellite, KhalifaSat, in 2018.

The first Emirati satellite, DubaiSat-1, was developed and built with colleagues in South Korea. It was launched from Kazakhstan in 2009 on a Russian rocket. Since its launch, DubaiSat-1 has been sending photos and images back to Earth with information on the effects of extreme weather conditions, for example the effects of floods in Pakistan.

In 2013, Dubai's second satellite, DubaiSat-2 was sent into space from Russia. Its improved technology mean that the photos it sends back are clearer and better quality than those sent by DubaiSat-1. The satellite provides high-definition television broadcasts to countries across the Middle East, Asia and Africa.

The third Dubai satellite, KhalifaSat will be the first Emirati satellite to be built by Emirati engineers alone. It will orbit the Earth an average of four times a day and it will travel at 7.5 kilometres a second. During its orbit, it will send information to Earth. KhalifaSat will have improved technologies and more satellite positioning techniques to allow better photography and GPS systems. The launch of KhalifaSat will be an important day in the history of Emirati engineering and space technology.

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Look back at the text on page 38 CB. Rewrite the sentences with the correct information.

1 The Mohammed bin Rashid Space Centre (MBRSC) is in Abu Dhabi.

2 There are 66 engineers at the MBRSC.

3 One of the MBRSC's projects is a mission to the Moon.

4 KhalifaSat will be the Emirates' third satellite.

5 Dubai and Sharjah have sent satellites into space.

6 KhalifaSat is being built by the South Koreans.





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