Cultural awareness

Space exploration

1 What problems do you think astronauts have with washing and eating when they go to space?

2 2.19 Read and listen to the blog post. Were your answers from exercise 1 correct?

Fact box

The International Space Station (ISS) was built so that people could live and do research in space. It is 354 km from Earth and it takes two days to get to it. It travels around the Earth at a speed of 28,000 km per hour, so it goes round the Earth 16 times a day!

A DAY IN THE LIFE OF AN **ASTRONAUT**



Hi! I'm Serena Hughes and I'm an American astronaut on the International Space Station. This is my day.

8.00 am: I wake up to the sound of one of my favourite songs. Mission Control Center in Houston plays a different song for each crew member every morning!

8.15 AM: I get up and have a wash. We have to transport water from Earth to the space station. This means we can't have showers because they use too much water. If we use too much water for washing, we won't have enough to drink!

8.30 AM: I have breakfast with the rest of the crew. Today it's pancakes. Usually I love pancakes, but nothing tastes very nice in space!

9.00 AM: I try to 'fly' to my work station to switch on my computer. Everyone is weightless in space because there is no gravity, so moving around is difficult!

1.00 PM: It's lunchtime and I'm hungry! I'd love some fresh fruit, but it isn't allowed. If someone eats a banana, the whole space station will smell of bananas!

2.00 PM: Now it's time for some housework! In space, we have to take the rubbish out – just like we do at home! We load it into a spacecraft, which will take it down to Earth.

Word check

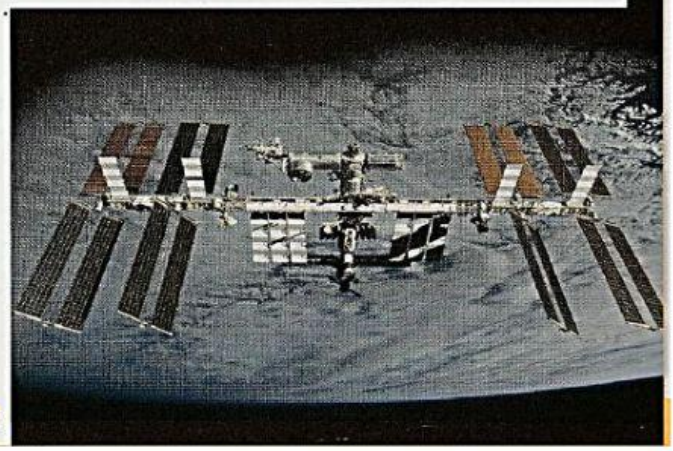
gravity housework muscles weightless sleeping bag

3.00 PM: I spend half an hour on the exercise bike. You don't use your muscles in space because everything is weightless. If I don't do daily exercise, my body will become very weak.

4.00 PM: I go to the laboratory to check on an experiment we're doing. We're trying to see if we can grow vegetables in space!

7.00 PM: I have dinner, then I send some emails to my friends and family on Earth. They'll worry about me if they don't hear from me!

10.00 PM: It's bedtime! I get into my sleeping bag and lie down in my little cabin. There will be another day in space tomorrow!



3:- Read the blog post again. Then answer the questions.

a) Why is it difficult to get from one place to another inside the space station?

b) Where do astronauts send their rubbish?

c) Why does Serena do exercise?

d) How does Serena communicate with people she knows on Earth?

CULTURAL COMPARISON

4:- Answer the questions.

a) Has there been a space exploration mission from your country?

b) What are the names of some astronauts from your country?

LIVEWORKSHEETS