

## **Living in Space - 27**

### **Chapter 1- The Space Shuttle**

What things are different about living in space?

What can you expect to learn from reading this book?

How many times can the space shuttle orbit the Earth in a day?

If there are only a few people living in space today, why is it so important to know how to survive there?

How is the space shuttle different from an aeroplane?

What do you think life is like in outer space?

### **Chapter 2- Being Weightless**

In what ways would a birthday party be different in space?

Why is everything weightless in space?

What is a negative effect of being weightless?

How does weightlessness change your body?

How are astronauts able to stay still in space?

### **Chapter 3- Eating in Space**

What types of foods do astronauts eat in space?

What strategies do astronauts use to help them eat in an easier way?

How do astronauts drink in space?

Why is eating in space a more fun experience?

Which of your favourite foods would you be able to eat in space? Which ones would you have to wait until you return to earth to eat?

### **Chapter 4- Keeping Clean**

What is the most essential thing that scientists need to survive?

Why can't taps and drains be used to shower in space?

How do astronauts stay seated when using the toilet in the space shuttle?

If you had to pack everything that you needed for a trip on the shuttle in one overnight bag, what would you choose to take and why?

### **Chapter 5- Getting Dressed**

What do astronauts have to relearn?

Do the astronauts have to wear a spacesuit in the shuttle? Why/why not?

When do astronauts have to wear the spacesuit?

What items would an astronaut keep in their pockets? Why?

### **Chapter 6- Exercising and Sleeping**

Can unhealthy people be astronauts? Why/why not?

Why is exercise important in space?

Thinking back to chapter one, why does the sun rise every 90 minutes on the space shuttle?

Name two pieces of equipment that help astronauts to sleep more peacefully.

What kinds of exercise would you like to try in space?

### **Chapter 7- Working and Playing**

Which 'earthly' jobs would be more difficult to complete in space?

What jobs do astronauts have to do in space?

What are telescopes and cameras used for?

What interesting fact do we find out about crystals in this chapter?

Why do you think that it is important to return all rubbish to earth?

What would you like to look at on earth, from a space shuttle?

What space job would you like to do? Why?

### **Chapter 8- Going Outside**

What is different about going out the front door in space?

Do astronauts spend more time inside or outside the space shuttle?

What special features does the space suit have to protect the astronauts?

Why do astronauts train for space walks in water?

### **Chapter 9- Places to Live in Space**

Do you think that people will ever live in space? Why or Why not?

What was the name of the first space station launched?

List three facts about the International Space Station?

What is the longest time that anyone has spent in space?

Imagine that you are the designer of a space city for the future. What would you include in your design?