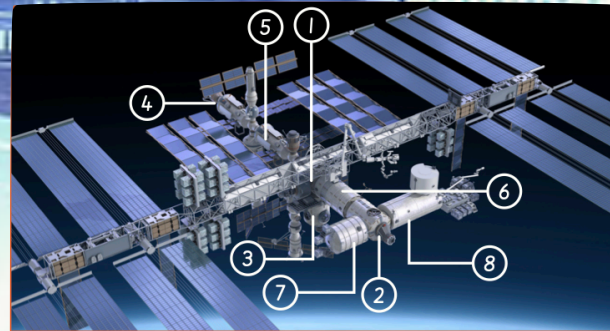


Year 2 - International Space Station - Term 2

Key Vocabulary

Approximate	Being close but not exactly the same as something.
Astronaut	Someone who is trained to control a spacecraft.
Data	Information used for a specific purpose or investigation.
Digital content	Information and media such as videos and pictures stored on a computer.
Experiment	To trial and test new ideas.
Interactive map	A digital map which can be searched, zoomed in or out of and provide information about a place.
International Space Station (I.S.S)	A laboratory in space that orbits the Earth.
Interpret	Explain the meaning of something to someone else or to yourself.
Laboratory	A place where scientists carry out research and experiments to discover more about something.
Monitor (verb)	To check the status of something.
Satellite	A computer that orbits the Earth to provide information or communication services.
Sensor	A tool or device that is designed to monitor, detect and respond to changes.
Space	A vast area around and beyond planet Earth, which is not inhabited.
Survival	To stay alive in bad conditions.
Thermometer	A device that measures and displays the temperature of something using a scale (°C or °F).



1	Node 1 (Unity)	Connects U.S. and Russian modules of the I.S.S.
2	Node 2	Connects the American, European and Japanese modules.
3	Node 3	Sleeping and resting area.
4	Zvezda (Star)	Central hub for Russian astronauts.
5	Zarya (Sunshine)	Russian research module.
6	Destiny	American research module.
7	Columbus	European research module.
8	Kibo (Hope)	Japanese research module.

Growing plants in space



To know statements	✓ X
To know how to navigate the digital map and describe and explain at least one way in which astronauts' survival needs are met aboard the ISS	
To identify and digitally draw at least six items which fulfil basic human needs when aboard the ISS and explain the importance of exercise, healthy eating and cleanliness	
To know how to read the correct temperature on a thermometer and design a display showing everything that needs to be monitored by sensors on the ISS	
To know how to create an algorithm which addresses all plants' needs and explain how space exploration can benefit life on Earth	
To explain that water is important to life on Earth and identifying relevant information in a spreadsheet	

What can you remember from previous units?

What is data?
 How is it collected?
 What do you know about the ISS?

Anything else you have learnt? What have you enjoyed?