

Key Vocabulary

experiment	Trial and test new ideas.
interactive map	Digital map which can be searched, zoomed in or out of and gives information about a place.
International Space Station	A laboratory in space that orbits Earth.
interpret	Explain the meaning of something.
laboratory	A place that scientists carry out research and experiments to discover more.
satellite	A computer orbiting Earth to provide information or communication services.
thermometer	A device measuring and displaying temperature using a scale (eg. °C).

Sensors

- Sensors can be used to:
- Measure light
 - Measure heat
 - Measure moisture (water)



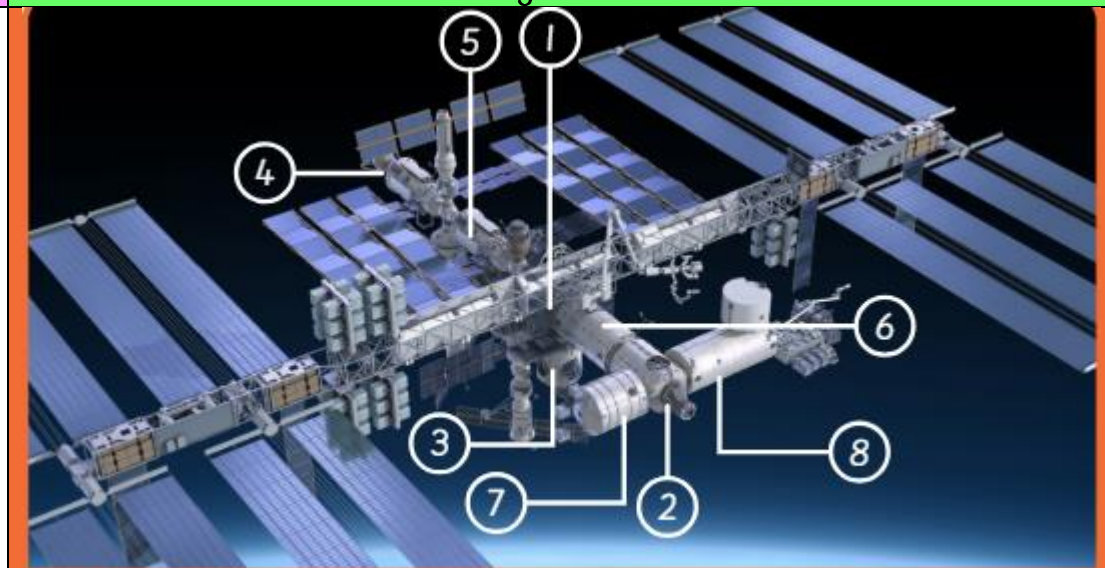
This data can be used to add actions to help plants grow:

Too dark? Turn on a light.

Too cold? Increase the heat.

Too dry? Water the soil

Key Facts



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



The Vegetable Production System, known as 'Veggie' is a device used to understand and support plants to grow in space on the I.S.S. It helps produce fresh food for the astronauts.

Survival Needs

