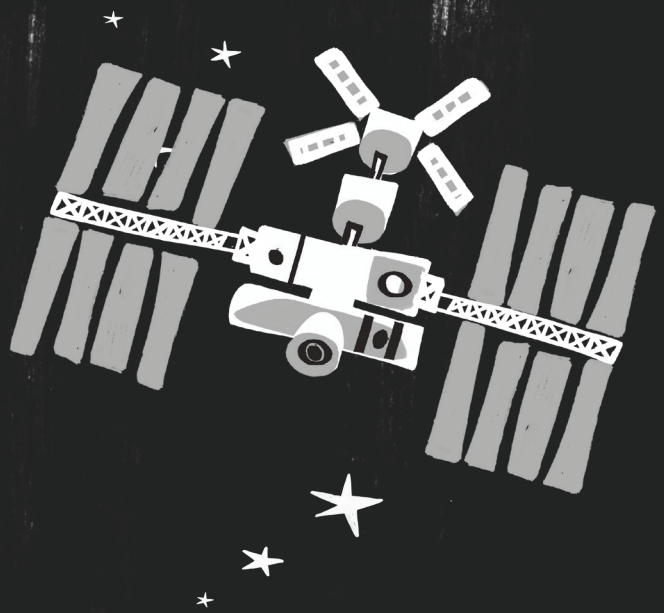
YOUR NEW HOME

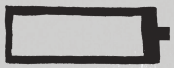
Your new home is the International Space Station. This amazing structure was built in space using components flown up from Earth. If you look closely, you can see lots of shapes in the ISS that you can find on Earth too.



Each part of the ISS has its own special role.
Can you work out what each one does?

The "trusses" are the long beams and triangles that hold the ISS together. The triangles provide _____ and make sure that the trusses can hold the huge ISS together.

The sphere and canister shapes are the areas where the astronauts _____ and _____ These are pressurised, just like a can of fizzy drink!



The large rectangular panels are solar panels that collect _____ and turn it into _____ .

The smaller rectangular panels are thermal radiators that get rid of _____ that the ISS produces.

The Robotic Arm is long and bendy so it can reach around the ISS and fix things on the outside. It can move nearly 100,000 kilograms of equipment! If an elephant weighs 5000 kg, how many elephants could the robotic arm lift? _____ .

Hey Space Apprentice, we might need you to do a spacewalk with Tim to fix the outside of the ISS. Zap here to watch Tim's spacewalk and start practising!