

Everyday Materials and Space



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Everyday Materials



Key Learning Objectives:

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular use
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- Learn about significant historical individuals—Helen Sharman and Neil Armstrong

How you can help at home:

- Talk to your child/children about what they have learnt at school
- Encourage and support your child to find out more information about something space-themed that they are interested in.
- Research Helen Sharman and/or Neil Armstrong and create a fact-file about either of these important individuals.

Key Vocabulary

Word	Definition
Space	The area in which all galaxies, stars and planets exist
Astronaut	A person who is trained to travel in a spacecraft
Planet	An object in space that moves around (orbits) a star
Solar System	The collection of planets (including Earth) that move around (orbits) our sun
Sun	The star that is at the centre of our universe
Moon	A body that moves around (orbits) the Earth
Satellite	A man-made object that is placed in orbit to move around the Earth, moon or planet to collect information
Materials	What an object is made out of (e.g wood, plastic)
Waterproof	Describes something that does not allow water in
Properties of Materials	Features that a material has: e.g. hard/soft, strong/weak, waterproof/not, natural/man-made.