

WHAT WILL HOUSES LOOK LIKE IN THE FUTURE?

Engineers help improve the world around us. They make sure that with a growing population, everyone has somewhere to live.



Floating cities in the ocean

Ice houses on Mars



Recyclable homes



Living buildings



Engineers are creative. They solve problems using science, maths, computing, design and technology.

Engineer your future.



Brilliant Inspiration

This poster has been designed for teachers of upper primary school learners, to support children's understanding of how engineers solve problems in society, and to develop their conceptual understanding of various broad curriculum themes, including:

Science

- living things and their habitats
- properties and changing materials
- earth and space
- electricity

D&T

- design, make, evaluate and technical knowledge

Computing (Technologies - Scotland)

- digital literacy
- technological developments in business and society

Interactive careers quiz

Get your learners to take the **Meet the future you** careers quiz, helping them match their skills and interests to different engineering job roles: www.mtfy.org.uk

Teachers can scan here to find case studies, bookable experiences, useful links and further content related to environmental and sustainability careers in engineering



Discover engineering experiences, things to do and more on Neon:
www.neonfutures.org.uk/inspiration-primary



How to use the poster

Put the poster up on a display board (physical or digital) with a large border around it so that learners can annotate it or interact with it. For example, they could:



- Add marks or stickers to the type of living environment that appeals to them most
- Research (individually or in pairs or small groups) one of the living environments and/or building materials



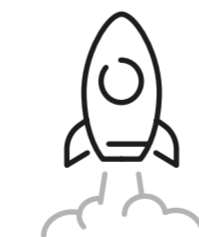
- Draw, describe or imagine a favourite place and think about how to make it better (e.g. for the environment, and people's health and enjoyment)

Discussion points and further activities

Discuss or respond creatively to one or more of the following questions, as a class or in groups:



- How do buildings harm the environment?
- How could a building (e.g. a sports stadium/shop/school) be used in different ways by local people? (E.g. a football pitch with foldaway grass)



- What challenges might there be with designing floating cities?
- What could be changed or added to a building to help make it better for the environment?

