

W1.5 CHOOSE A PROJECT

SDG 11: Sustainable cities and communities – Sustainable Buildings



SUSTAINABLE BUILDINGS

ISSUE: The majority of the world's people live in cities. Finding sustainable ways to live in urban environments is essential.

CHALLENGE: How can we build healthy and sustainable buildings which do not rely on scarce materials and damaging processes?

Come up with a solution to this problem, through a design or idea, using nature to help you.

Some things to focus on include: building materials, construction techniques, strong shapes, cooling and heating processes.

USE NATURE TO HELP: How does nature do these things? Are there examples from nature we can copy?

How does nature create strong structures, create materials without mining, cool down and heat up?



Use the decision tree ([W1.7](#)) to help you to break the problem down into manageable chunks.