

W1.6 CHOOSE A PROJECT

SDG 11: Sustainable cities and communities – Dining Hall Challenge



DINING HALL CHALLENGE

ISSUE: The school canteen needs updating. It needs to serve multiple functions (e.g. social, eating, meeting, working, play) and be sustainable and a beautiful pleasant place to be.

CHALLENGE: How can we use nature to help us to redesign this space? How can we create a dining space to fulfil multiple functions while not relying on scarce materials.

Some questions you might like to focus on:

- Can you think of a good way to encourage *social interaction* in this space? (How does nature share space?)
- What would be a good way of *cooling and heating* this space? (How does nature keep structures warm/cool?)
- How does food, energy, water, etc. move in and out of the space – where does it come from and where does it go? *Flows and cycles*.
- Materials – How does nature create *sustainable materials* without mining?



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