

# Structures- A box to store your favourite things.

## Construction

### Prior Knowledge

During maths lessons, you have created different shapes from nets and you will use this knowledge to create and design 3D shapes from 2D nets. In Class 1, you learnt about cutting and joining materials, you will use this knowledge to do this again.



### Key Vocabulary

**Tier 1:** Make, card, felt, join, fix, shape, net

**Tier 2:** Design, research, brief, product, user

**Tier 3:** Prototype, evaluate, consumer, aesthetic

What is the purpose of a lid?  
How could you make one?

### My Component Knowledge:

Lesson 1: I can develop 3D forms from 2D sheets using nets.

Lesson 2: I can investigate different means of producing lids for containers.

Lesson 3: I can investigate different means of organising contents in a container.

Lesson 4: I can design a box to store a favourite thing.

Lesson 5: I can use scissors, safety ruler, staples, adhesive tape and PVA glue to construct simple 3D forms from thin card.

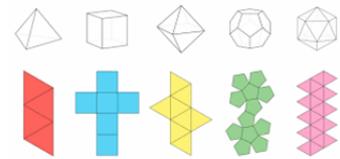
Lesson 6: I can evaluate my making of a storage box.

### My Composite Knowledge:

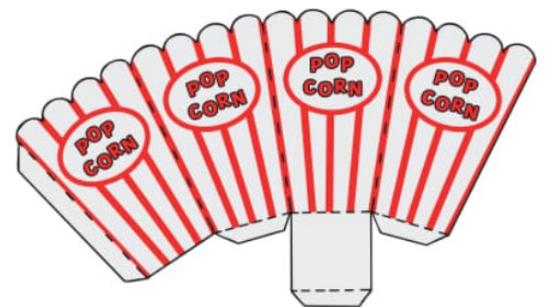
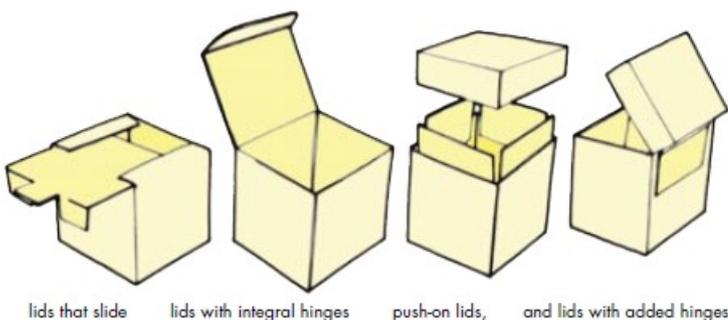
I understand the purpose of a storage box. I can design and create something for a target audience by following a design specification.

### My Powerful Knowledge:

I know the importance of thinking about the target audience while designing and creating a product. I can evaluate and suggest improvements to a finished product.



What are the steps to make a 3D



What would you store in your box?