



Coleman Primary School

Year 4 Summer 2 Knowledge Organiser

Design & Technology—Fastenings

Key Vocabulary: Fastenings

assemble: to put parts together	prototype: a simple model to test out your idea and how it will work
book sleeve: a protective cover for a book to keep it from getting damaged	needle: a thin, pointed metal object with a small hole (an 'eye') that thread slides through to sew with it
design criteria: help designers focus their ideas and test their success	running stitch: a simple style of sewing in a straight line with no overlapping
fabric: a natural or man-made woven or knitted material made from plant fibres, animal fur or synthetic material	template: a stencil to draw the same shape on to different materials
fastening: something that holds two pieces of material together securely	thread: a length of a very thin fibre

Fastenings

There are many different **fastenings** that you can use to bring two pieces of **fabric** together.



zip



velcro



press stud



buckle



button



toggle

In Year Three you learnt to...

- begin to select from and use a wider range of materials and components, including textiles, according to functional properties and aesthetic qualities.
- begin to investigate and analyse a range of existing products.
- begin to select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately.

You will learn...

- about different fastenings
- how to join cloth with thread
- to make a book sleeve

Joining fabric together

We will use **running stitch** to join the **fabric** to make our **book sleeve**.



Examples of book sleeves



A **book sleeve** protects a book from damage, as well as being attractive and fun. We will make a book sleeve out of **fabric** and include a **fastening** to keep the book secure.

DT Skills Progression

In Year Four you will...

- continue to select from and use a wider range of materials and components, including textiles, according to functional properties and aesthetic qualities.
- continue to investigate and analyse a range of existing products.
- continue to select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately.