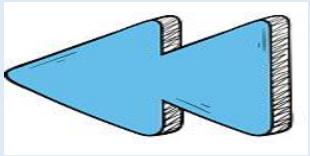
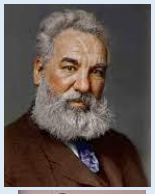


Rewind to year 3

Autumn – British inventors

Design products that are fit for purpose, sharing thoughts and ideas with others. Suggest improvements and give thoughts on how to implement them.
Understand how British designers have impacted on daily lives and inventions influence the future.



Spring – Light up signs

Begin to understand how electrical products work and how they are important in our daily lives.
Begin to make simple circuits and program a virtual light sign.

Summer – Photo frames

Create a framework using diagonal struts to strengthen.
Build 3D structure showing an understanding of how to strengthen and reinforce.

Year 4 - DT

Autumn – Seasonal Stockings

Develop and improve accuracy in joining materials together using
a range of strategies including stitching
Use a simple running stitch to join materials together in an accurate way.
Create a 3D product with purpose using a range of stitching techniques (running, cross, back).

Spring – Story books

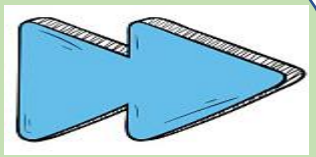
Create and use a product with a simple moving mechanism
Select, create and use the most appropriate mechanism for a specific purpose.

Summer – Seasonal food

Identify which food is native to the UK, where other foods originate and how seasonality and current events can affect the production of foods.

Make healthy choices and explain why.
Measure and weigh the appropriate ingredients following a given recipe for bread.

Fast-forward to year 5



Autumn – Fashion and textiles

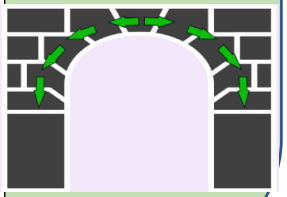
Create a 3D decorative product with purpose using a range of stitching techniques (running, cross, back)
Combine materials for more useful purposes, identifying and fixing snags and glitches.

Spring – Moving toys

Describe and design a product using a cam mechanism to create movement.
Select, create and use the most appropriate mechanism and materials for a specific purpose.
Apply knowledge of how to strengthen and reinforce structures.

Summer – Building bridges

Use a range of materials to test bridge construction considering beams, arches, pillars or piers.
Select the most appropriate materials to create a 3D structure, ensuring it is strengthened and



We are creative artists. **We are resilient artists.** **We are ambitious artists.** **We are curious artists.**