

Rewind 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.



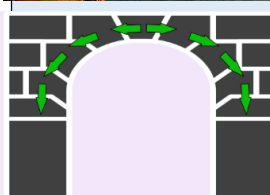
Spring – Moving toys

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 reinforced as a suspension bridge.



Year 6 - DT



Autumn – Fairgrounds

Design and use an appropriate circuit for a fairground ride to include a rotating part.

Create and use simple gears, pulleys, cams or linkages linked with an electrical circuit to create a product.



Spring – African instruments

Select the most appropriate materials to create a 3D structure, ensuring it is strengthened and reinforced with the ability to make a sound.
Test a range of materials to ensure the strength and pitch of the instrument makes the product functional.

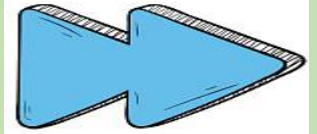


Summer – Great British dishes

Identify which foods grow at different times of year and in different climates. Discuss and evaluate whether a meal is balanced or not.
Combine food ingredients appropriately (kneading, stirring, whisking etc.). Plan how to have a healthy/affordable meal. Combine ingredients accurately using a range of cooking techniques, measure and weigh the appropriate ingredients following a given recipe.



Fast-forward to year 7



- ❖ Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- ❖ Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users.
- ❖ Critique, evaluate and test their ideas and products and the work of others.
- ❖ understand and apply the principles of nutrition and learn how to cook.

We are creative artists.

We are resilient artists.

We are ambitious artists.

We are curious artists.