

YEAR 4 DESIGN & TECHNOLOGY

LEARNING JOURNEY

SUMMER

Structures: Pavilions

- Designing a stable pavilion structure that is aesthetically pleasing and selecting materials to create a desired effect.
- Building frame structures
- Making a variety of free-standing frame structures of different shapes and sizes.
- Selecting appropriate materials to build a strong structure and for the cladding.
- Reinforcing corners to strengthen a structure.
- Creating a design in accordance with a plan.



SPRING

Electrical Systems: Torches

- Designing a torch, giving consideration to the target audience and creating both design and success criteria.
- Making a torch with a working electrical circuit and switch.
- Using appropriate equipment to cut and attach materials.
- Assembling a torch according to the design and success criteria.
- Evaluating electrical products.
- Testing and evaluating the success of a final product.



AUTUMN

Cooking and nutrition: Adapting a recipe

- Evaluating and comparing a range of products.
- Following a baking recipe.
- Understanding safety and hygiene rules.
- Identifying a target audience.
- Designing a biscuit within a given budget.
- Suggesting modifications.
- Adapting a recipe.
- Conducting market research.
- Evaluating an adapted recipe.

