

Design and Technology CURRICULUM MAP



Y6 Textiles: Felt Phone Cases

Year 6 - Mechanisms: Fairground Ride. Textiles: Felt Phone Cases. 6

Y6 Mechanisms: Fairground Ride – Crumble (linked to CAD)

The series of products which incorporate a pulsy and at the better dare driven by a motor or a composite the semination of the seminat To know that there are a variety of products which incorporate ap pulley and a drive belt and are driv. To know how control systems are used in every day life. To understand and use the appropriate voc To experiment with pulley wheels and drive belts to study to attached inversement. To demonstrate how a belt and pulley system can reverse the direction of rotation (by twisting the To use research and work to date to this fails their design for it is a brief. To select the naterial researched to make a frame for holding a rotating mechanism for a model ride. To select those long upgravent to conduct or fails belt for a model ride. To select the conduction of the products. To use our designs to evaluate our finished products.

n of rotation (by twisting the belt through 180 degrees).

Y5 Construction: Marble Run

als and components according to their fund

Year 5 - Cooking and Nutrition: Global Food. Construction: Marble Run.

Y5 Cooking and nutrition: Global Food

Administration of the Control of the

Y4 Mechanisms: Mechanical Posters

KEY STAGE

Year 4 – Textiles: Money Containers. Mechanisms: Mechanical Posters

Y4 Mechanisms: Money Containers
To evaluate different money containers and discuss their purpose.
To plan and design a suitable money container
To explore different methods to create their products.
To explore different methods to create their products.
To select and use appropriate tools when creating their containers.
To use a range of tools to create a product to suit a particular purpo
To evaluate a product and suggest miprovements.

Y3 Cooking and Nutrition: Edible Garden.

Year 3 – Cooking and Nutrition: Edible Garden. Electronics: Night Lights



Y2 Mechanisms: Moving Pictures - Traditional Tales

Y3 - Electronics: Night Lights
To understand how key events and individuals
shape the world in the context of looking at te
light our homes

YEAR

KEY

Year 2 – Textiles: Coat for Teddy. Mechanisms: Moving Pictures – Traditional Tales.

Y2 - Textiles - Coat for Santa - (linked to Science - materials)
To plan and design purposeful, functional, appealing product using a suitable material using simple computing software.
To consider which materials would be suitable for a coat for Santa a coat for Santa using appropriate materials.
To create a coat for Santa using appropriate materials.
To evaluate my designilooking at the strengths and areas of improvement

Year 1 – Cooking and nutrition: Sensational Salads. Construction: Pirate Paddy's Packed lunch box.

Y1 Construction: Pirate Paddy's Packed Lunch (linked to Science - materials).

To explore and evaluate at rapp of existing products in the context of evaluating the basistic used to transport the pirates' Junch.

To explore and evaluate a range of existing products in the context of evaluating westing Junch Doors
To explore and evaluate a range of existing products in the context of evaluating existing Junch Doors
To existing purpose, thurst correct a product of the product of the product of the product of exploring materials that could be used to make the Junch Doors
To esign purpose, thurst correct a product of the product of the product of exploring annew Junch Doors that can move between the pirate ships.
To esides from and use a wide range of materials according to their characteristics in the context of selecting and using the correct tools and equipment to make a Junch Door.
To explore them does and products against design criterial in the context of testing the Junch Doors and then evaluating it against the design criteria.
To explore their does and products against explore profess in the context of testing the Junch Doors and the evaluating it against the design criteria.
To substitute the products against explore the support of the sum the context of testing the Unit Doors and the evaluating it against the design criteria.
To substitute the products against explore the sum of the product of the product

cill effectivery with windingsould in almost all cases. rs correctly to cut around a picture along the

Reception: Fine Motor Skills (Sp) Begin to use a range of tools with more accuracy e.g. pencils, paintbrushes, scissors, tweezers -beginning to use a dominant hand.

Reception: Fine Motor Skills (Au) Make snips with scissors.

EYFS RECEPTION

Nursery: Expressive Arts and Design

STAGE

KEY

Reception: Expressive Arts and Design (Creating with materials - Su)
Come up with their own design briefs to solve problems including making grops and scenery
for imagnistive play.
Be able to talk through from designing to building what they have used and why they have
chosen to use that resource or technique.

Reception: Expressive Arts and Design (Creating with materials - Au)
Create pictures and models using a range of resources from their ow

ideas. Be able to talk about what they have made and why they have made it.

