

EYFS Nursery

Autumn 2 Textiles
 Making a necklace
 Thread beads onto a string
 Stick and decorate textiles.
 Begin cut fabric with scissors.
 Designer: Paul Brandt
 Identify materials used.

Spring 2 Food and nutrition
 Sandwiches for the teddy bear's picnic
 Mix ingredients with adult support.
 Use a blunt knife to butter bread.
 Chef: Jamie Oliver
 Say whether they like product or not.

Summer 2 Resistant materials
 Tea party crowns
 Begin to cut and tear materials.
 Junk modelling.
 Stick and glue materials
 Join materials
 Designer: Philip Treacy
 Identify materials used.

EYFS FS2

Autumn 2 Textiles
Superheroes and dinosaurs
 Threading cards
 Stick and decorate textiles.
 Begin cut fabric with scissors.
 Designer: Paper weavers
 Enjoy looking products and designs

Spring 2 Food and nutrition
 Handa's surprise Fruit kebabs
 Mix ingredients with adult support.
 Understand fruit and vegetables grow. Which ones grown uk?
 Chef: Jamie Oliver
 Say whether they like product or not.

Summer 2 Resistant materials
 Gingerbread man bridge
 Begin to cut and tear materials.
 Junk modelling.
 Stick and glue materials
 Join materials
 Designer: Thomas Telford
 Enjoy looking products and designs

Resistant materials Autumn 2
 Design a shelter for a travelling teddy
 Begin to use a simple hinge
 Explore simple mechanisms
 Select materials and tools according to properties.
 Build structures and explore how they can be made stronger.
 Designers and products : Go outdoors
 Start to ask questions about own product or design.

Y2

Summer 2 Resistant materials
 Carnival masks
 Tear, fold and cut materials
 Join using gluing and taping
 Create products based on a design.
 Build structure how can they be made stronger?
 Products and designers: Carnival masks
 Start to ask questions about own product or design.

Spring 2 Food and nutrition
 Muffins/Scone using different fruits and vegetable
 Cut food safely and hygienically.
 Assemble ingredients. Discuss food groups
 Know where vegetables come from.
 Designer: Mary Berry School Cook
 Start to ask questions about a product or design.

Autumn 2 Textiles
 Multi Media Weaving
 Cut textiles using scissors.
 Create a simple weaving using paper or large strips of fabric.
 Designer: Yorkshire textile mills
 Make links between their work and product

Y1

Spring 2 Textiles
 Design a cushion for a special purpose.
 Cut textiles using scissors.
 Decorate textiles using crayons, paint or sticking.
 Join textiles using glue.
 Use a running stitch in prepared holes.
 Designer: Laura Ashley
 Make links between their work and product

Summer Food and Nutrition
 African Stew -Cut food safely and hygienically. Assemble ingredients.
 Discuss food groups. Use measuring cups and spoons. Know where vegetables come from.
 Products/Designers Pru Leith
 Start to ask questions about a product or design.

Y3

Autumn 2 Textiles
 Create fossil inspired stamps and print onto fabric.
 Cut textiles scissors safely. Thread a needle and tie a knot. Use a running stitch. Decorate textiles using stamping, printing and embellishment.
 Designer and product : William Morris
 Continue to develop knowledge key designers and products. Express opinion. Make comparisons between designers. Discuss when and where created. Link to key events.

Spring 2 Food and nutrition
 Quick cheesecake linked rock layers.
 Measure ingredients using scales or jugs. Follow recipe, cook using pan or oven safely. Know where a wider range of food comes from. Understand the need for a balanced diet.
 Peel, chop, slice, mix , spread, bake or knead.
 Designer: Mary Berry
 Discuss what products are, who are they for, how are they made. Express opinion about product.

Summer 2 Resistant materials Roman shields and catapults
 Follow procedures safely. Cut, tear and shape materials with increasing accuracy. Use a wider range joining methods eg fasteners, tabs, flange. Choose appropriate materials and tools based on functions and aesthetics. Make mechanical moving elements. Strengthen, stiffen and reinforce products. Choose appropriate materials by testing properties and making a prototype.
 Designer/Products Roman shields/catapults. Can express opinion about a product, giving simple reasons why. Make links between their work and designers and products.

Autumn 2 Textiles / Patchwork quilts
 Use seam allowance and back stitch to join textiles. Use a pattern or template to mark and cut fabric to shape. Use a cross stitch, running stitch or satin stitch. Use applique.
 Choose appropriate materials. Sew on a button or bead.
 Product/Designers: Marianne Fons
 Explore how well products have been designed. Why materials have been chosen.

Y5

Summer 2 Resistant materials Intruder alarms
 Follow procedures safely. Cut, tear and shape materials with increasing accuracy. Use wider range joining methods eg fasteners, tabs, flange. Choose appropriate materials and tools based on functions and aesthetics. Make mechanical moving elements. Strengthen, stiffen and reinforce products. Choose appropriate materials by testing properties and making a prototype.
 Incorporate a simple electrical system. Products/ Designer Local alarm companies. Can express opinion about a product, giving simple reasons why. Make links between their work and designers and products.

Spring 2 Textiles Viking wall hangings (Weaving)
 Cut textiles scissors safely. Thread a needle and tie a knot. Use a running stitch. Decorate textiles using stamping, printing and embellishment. Weave using a cardboard loom.
 Products/Designers: Saltaire Mills
 Continue to develop knowledge key designers and products. Express opinion. Make comparisons between designers. Discuss when and where created. Link to kev events.

Autumn 2 Greek food Greek Flat Bread
 Measure ingredients using scales or jugs. Follow recipe, cook using pan or oven safely. Know where a wider range of food comes from. Understand the need for a balanced diet.
 Peel, chop, slice, mix , spread, bake or knead.
 Designer: Paul Hollywood Discuss what products are, who are they for, how are they made. Express opinion about product.

Y4

Spring 2 Resistant materials Making a modern model of a bridge based upon the transporter bridge or the lock gates at Hartlepool Marina.
 Follow safety procedures with wider range of tools and processes. Cut and shape materials with increasing accuracy. Choose appropriate tools. Choose appropriate materials by testing properties and using prototypes, justifying choices. Make mechanical moving elements (gears, cams and pneumatics.) Use a wider range of joining methods. Incorporate a more complex electrical system into their designs (More than one component/ adding a switch). Use computing program, monitor and control their products. Designer: I Kingdom Brunell Express opinions about product. Cleveland Bridge and Engineering. Discuss methods construction

Summer 2 Food and Nutrition Design their own savoury recipe.
 Discuss why we need to store and handle food hygienically.
 Measure ingredients with a degree of accuracy. Scale recipes up or down accordingly. Design own simple savoury recipes and test them. Use a range of baking and cooking techniques with increasing confidence. Begin to explain why a recipe or meal is healthy or not.
 Designer/Product Wartime Food

Y6

Autumn 2 Resistant materials Pneumatics - Lifting gear
 Follow safety procedures with wider range of tools and processes. Cut and shape materials with increasing accuracy. Choose appropriate tools. Choose appropriate materials by testing properties and using prototypes, justifying choices. Make mechanical moving elements (gears, cams and pneumatics.) Use a wider range of joining methods. Use computing program, monitor and control their products
 Designer/Product Express opinions about product. Discuss methods construction

Spring 2 Food and Nutrition Design their own savoury recipe. Cornish pasty (New design)
 Discuss why we need to store and handle food hygienically. Measure ingredients with a degree of accuracy. Scale recipes up or down accordingly. Design own simple savoury recipes and test them. Use a range of baking and cooking techniques with increasing confidence. Begin to explain why a recipe or meal is healthy or not.
 Designer/Product – Cornish pasty company . Express an opinion about a product and justify reasons.

Summer 2 Textiles Making a gadget bag for a sleepover
 Use seam allowance and back stitch to join textiles. Use a pattern or template to mark and cut fabric to shape. Use a cross stitch, running stitch or satin stitch. Use applique. Weave using a variety of materials Choose appropriate materials. Sew on a button or bead.
 Designer/ Product Go Outdoors
 Explore how well products have been designed. Why materials have been chosen.