

Design and Technology summer project

Foundation Stage and Year 1

***Design** a model house. Draw a house. How many windows and doors does your house need?*

***Make** your house using recycled boxes, containers, plastic, cardboard.*

*Now take a photo of your model.
Can you say what you like about it?*



Year 2

Make a money box

Design and draw a diagram of your money box. What shape will it be? What materials will you use?

Make your money box with the selected materials you have chosen. How will you stick it together?

Evaluate your money box. What worked well? What needs to improve?



Year 3

'Cook' granola yogurt pots

Design your own recipe. What ingredients will you use?

<https://jordanscereals.co.uk/recipes/granola-and-yogurt-breakfast-combo>

Make your granola yogurt pot. What equipment do you need to use? How will you prepare the ingredients?

Evaluate your food! Finally enjoy and eat your granola yogurt pot. What do you like? What do you dislike?



Year 4

Make an egg cosy

Design an egg shape cosy for an egg to go inside. What shape will you need? What material will you use? Make sure you measure around an egg!

Make the egg cosy using fabrics/old clothing. How will you join the materials together?

Evaluate your egg cosy. Does your egg fit inside? What do you need to do to improve your design?



Year 5

Make a vase

Look at existing vases- in shops or on the internet for some ideas.

Design a flower vase. Draw and label a diagram of your vase. What materials will you use?

Make your vase using recycled objects. For example plastic bottles. Paint the vase using paint or mix PVA glue and food colouring!

Evaluate your vase. What worked well? What could be done to improve the vase?



Year 6

Design and make a boat

Evaluate existing products. Research and look at existing model boats on the internet. Then use these to help with your **design**. Draw a diagram and label it. What materials will you use? Do you need any sails or pulley systems? Consider the purpose of your boat.

Make your boat using available or recycled materials. How will you attach the materials together? What tools will you need to use?

Evaluate your boat. Does your boat float or sink on water? How much weight does it hold inside the boat? Is the boat stable and suitable for its purpose?

