

# Design & Technology



In your Design and Technology lessons you will study 3 subjects – Food Technology, Textiles Technology and Product Design.

## Food Technology

Look at the picture below – there are many different techniques for cutting fruits and vegetables!

Ask a parent or guardian to help you slice a carrot into the 4 different shapes shown.

Stick a photo of what you have done

HERE



Weighing your ingredients is very important when cooking!

1. Weigh out 100 grams of flour.
2. Measure 150 millilitres of water.
3. Write down / find out what each of these abbreviations mean:

g

ml

tsp

tbsp.

mm

cm

Do you cook at home? Yes / No

Do you have weighing scales for food at home? Yes / No

What do you cook?

## **Textiles Technology**

It is very important to measure out your work accurately

You will need a needle and some thread for this task, then attach your work to this page. If you want to use different coloured thread for each stitch that would be great!

1. Neatly cut a square of fabric 10 centimetres by 10 centimetres.
2. Measure and draw a dotted line 1.5 centimetres in from the edge – on all 4 sides.
3. Watch this video. <https://www.youtube.com/watch?v=VV4nhj8kMpAI>
4. Do 2 lines of running stitch, 2 lines of back stitch, 2 lines of chain stitch.
5. Challenge: do 2 more lines of a different stitch not already shown. Write here what the stitch is:

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Do you have access to a sewing machine at home? Yes / No

## **Product Design**

In Product Design you will learn to use lots of new tools and equipment safely.

1. Research one of these inventors: Mary Anderson or Tabitha Babbitt. Use your own words to describe what they are famous for designing, and how they invented it.
  
  
  
  
  
  
  
  
  
  
2. Find out what each of the following tools look like and sketch them next to their name.

Coping saw

Wet & dry paper

Flat file

Vice