

### Moving pictures

R.E. - Christmas

Draw on their own experiences to generate ideas;  
Suggest and explain ideas;  
Identify a target group;  
Model their ideas;  
Develop their design ideas.



### How can we tell how the Iron Man is feeling?

English - Iron Man by Ted Hughes

Skills: Develop a clear idea of what has to be done, planning how to use materials, equipment and processes, and suggesting alternative methods of making if the first attempt fails.



### How long will your bag for life last?

Skills: Measure, tape or pin, cut and join fabric with some accuracy. Sew using a range of different stitches.



### How far can we propel a marble?

Science - can you feel the force?

Skills: develop a plan of what has to be done; planning how to use materials, equipment and processes; suggesting alternative methods of making if first attempts fail



### What is your favourite pizza?

Skills: Show awareness of the need to produce something that will be liked by others.

### Can we build a shelter to protect us in a rainforest?

Geography - The rainforest  
Use sources when developing design ideas; draw up a specification for their design; develop a plan of what has to be done; suggesting alternative methods of making if first attempts fail; cut and join with accuracy; explain how their product will appeal to the audience



## YEAR FOUR

## YEAR FIVE

### Make fruit kebabs

Science - Seasons - what fruit grows in the summer.

Plan their design  
Use tools to cut safely  
Select and use appropriate fruit and vegetables, processes and tools.  
Use basic food handling, hygienic practices and personal hygiene.



## YEAR ONE

### Design and make a hat for Teddy

Science - Materials  
Design, make and evaluate a hat for Teddy.



### Magnetic Board Games

Science Link - Forces

Skills: Generate ideas, evaluate ideas, select tools and techniques, be willing to change and adapt ideas.



### How did they cook nutritious meals during rationing?

History - WW2

Use information sources when developing design ideas; weigh and measure ingredients; apply the rules of basic food hygiene and safe practices

### How cool is your drink?

Science - What would the journey through your body look like?

Explore, develop and communicate aspects of their design proposals by modelling their ideas in a variety of ways. Evaluate their products, identifying strengths and areas for development.



### Make an Underground Railroad Blanket

History - slavery links  
Show considerations of culture and societies in their designs; pin, sew and stitch materials together



## YEAR THREE



### Shadow Puppets

Science Link (Light)

Skills: Measure mark cut score materials, use finishing techniques to strengthen and improve, sew using a range of stitches, Evaluate products.

### Can we grow our own sandwich?

Science - How can we grow our own food? (Plants)  
Skills - developing ideas; following food safety procedures; evaluating against design criteria.



## YEAR TWO



### Dinosaur Habitats

Science - How do living things need to survive.

Skills - developing ideas; following food safety procedures; evaluating against design criteria.



### Making Mediterranean food

Geography - Greece  
Skills: Demonstrate hygienic food preparation and storage.



## YEAR SIX

### Make a floating Viking Longship

History - The Vikings

Plan and design; select appropriate tools; cutting, measuring, permanent joining techniques; testing and evaluating.



# DT Curriculum Road Map