

# DESIGN AND TECHNOLOGY PROGRESSION MAP

## Odd Year

### Home, Community and Society

Key Stage One  
Structures-Freestanding Structures  
Design and make a playground structure for our local community.(Com, G, H)

Key Stage One  
Mechanisms- Sliders and Levers  
Design and make a moving story to tell the story of Mary Seacole.(H, E, M)

Key Stage One  
Food & Nutrition  
Design and Make a Carribean fruit cocktail (Forest School) for a school carnival.(G, M, Sc)

Lower Key Stage Two  
Mechanical Systems- Pneumatics  
Design and Make a moving pneumatic WWII toy tank with cannon to entertain Reception children.  
(H, M)

Lower Key Stage Two  
Electrical Systems- Simple Circuits and Switches  
Design and Make a head lamp suitable for the children down the pit.(H, Sc)

Lower Key Stage Two  
Food- Varied and Healthy Diet  
Design and Make healthy bread to help keep the plague away for the community of Eyam. (H, G)

Upper Key Stage Two  
Textiles- Combing Fabrics- Enterprise- Dragon's Den Style  
Design and Make a tool belt to help Hayley and Andy at Forest School. (G, A)

Upper Key Stage Two  
Food- Culture & Seasonality  
Design and Make a Mexican Meal for your class' pop-up restaurant.(H, M, G)

Upper Key Stage Two  
Frame Structures  
Design and Make a bird hide in a Dragon's Den style format pitched to Andy/Hayley. (a full size version could be made in Forest School).(Com, Sc, FS, E, M)

## Even Year

### Leadership, Influence and Conflict

Key Stage One  
Food & Nutrition  
Design and Make sandwiches for the Queen's Jubilee street party.(H, Sc)

Key Stage One  
Mechanisms- Wheels and Axles  
Design and make a moon buggy to help the Neil Armstrong teddy on the moon.(H, Sc)

Key Stage One  
Textiles  
Design and make a hat to keep teddy warm in the desert at night. (H, Sc, G, A)

Lower Key Stage Two  
Textiles- 2D Shape to 3D Shape  
Design and make a Christmas tree decoration to sell at the Christmas School Fair.(G, R.E)

Lower Key Stage Two  
Food- Varied and Healthy Diet  
Design and Make a seasonal healthy lunch in a Great British Menu style competition to be judged by Kevin in the kitchen.(G, Sc, PSHE)

Lower Key Stage Two  
Structures- Shell Structures  
Design and Make a structure to protect it's inhabitants during a natural disaster.  
(Com, G, Sc, M)

Upper Key Stage Two  
Food- Culture & Seasonality  
Design and Make a healthy pizza to be judged in a Masterchef style competition.  
(H, G, Sc, M)

Upper Key Stage Two  
Mechanical Systems- Gears and Pullys  
Design and Make a modern day machine to move rocks in Ancient Egypt to create the Pyramids of Giza.(H, Com, G, Sc)

Upper Key Stage Two  
Electrical systems-More Complex Switches  
Design and Make an alarm for your room to stop your sibling from taking your toys!  
(Sc, PSHE)