

# Design and Technology

## Spring Knowledge Organiser

### Reception

### 3D Models

#### What do I already know?

I have begun to use different using techniques such as different types of glue and adhesive tape.  
 I am developing my fine motor control by using a range of tools, competently, safely and confidently.  
 I have explored movement and the process of up and down.  
 I have begun to explore different materials such as cardboard, plastic, tissue paper.

#### What will I know by the end of the unit?

Create collaboratively, sharing ideas, resources and skills



Use different techniques for joining materials, such as how to use paper clips, string, split pins and elastic bands

Develop my small motor skills so that they can use a range of tools competently, safely and confidently

Return to and build on their previous learning, refining ideas and developing their ability to represent them.



Key Vocabulary	Definition
Connect	Bringing objects together
Join	Objects become linked
Build	Making something by putting parts or materials together
Tall, short, long, thin, wide, strong	
Joining materials- glue, tape, paper clip, elastic band, split pin, string	

	Textures Exploring and Using Media and Materials	Texture is how something feels to touch.
	Using Your Imagination!	Using your imagination is about having new ideas! -How can we fix problems in our world? -What things look/sound/feel good together? -What makes things fun and interesting? Think about what it is for (purpose) and who will use it.

#### Scissor Skills Progression in Spring

- Cuts curved line (a 1/4inch curved line, within 1/4inch from the line drawn)
- Cuts circle shape (a circle of 6inch in diameter, within 1/2 from the drawn line, improving to about 1/4 inch)

#### Health and Safety

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| -Always walk slowly when carrying scissors around. | -Hold the blade down when walking with scissors. | -Pass scissors handle first to others. | -Sit down when cutting using scissors. | -Keep working areas tidy and put things away where they belong. | -Wear an apron and safety goggles where needed. | -Always walk around the workspace, never run. | -Make sure that you wash your hands, and tie back long hair. | Let the teacher know when something has been spilled. |
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