

# Design & Technology Subject Knowledge Organizer – Key Stage 1

## Year 2 – Construction Materials

My Key Objectives	
1	I can generate ideas based on my own experiences as well as knowledge of existing similar products
2	I can express and develop my design ideas through discussion, observation and labeled drawing
3	I can identify a purpose for my product and create a simple design criteria
4	I can use basic joining techniques for 3d modeling using glue and masking tape
5	I can make a simple hinge
6	I can use techniques appropriately to increase the stability of my product
7	I can assemble, join and combine 2d and 3d materials into a model
8	I can select and use the appropriate names for tools and materials and explain why I have chosen to use them
9	I can evaluate my product as it develops, identifying how to proceed and where to make changes for improvement

Teacher Resources	
1	Sheet materials - Cardboard/Card/Tissue paper
2	Glue
3	Masking Tape / Cellotape
4	Craft sticks
5	Rulers
6	Scissors
7	Coloured Pens & Pencils
8	Finishing materials e.g. paint

Skills	
1	Cutting
2	Folding
3	Joining
4	Testing
5	Stabilizing

My Vocabulary	
1	Plan
2	Join
3	Fix
4	Structure
5	Strong/Weak
6	Stable
7	Strengthen
8	Hinge
9	2d
10	3d
11	Thicker/Thinner
12	Measure
13	Test
14	Improve
15	Adapt

