

Hindhayes Design Technology Skills Progression Map

Development of skills	Foundation Stage			EYFS skills+			EYFS and Year 1 skills+			Year 2		
Core skills	Problem solving Embellishing	Designing Finishing	Making Researching	Evaluating	Discussing	Improving	Explaining	Representing ideas	Cutting	Joining	Shaping	
Focus area 1 : Mechanisms	Lift the Flap mechanism Cut around a pre-drawn shape. Hold scissors with the thumb at the top and use an effective open and close movement. Use free hand to move paper rather than moving scissors. Fold card to make a crease and press down firmly.			Sliders Make slots by folding paper to make cuts without starting from the edge and snipping into paper from the folded edge without going all the way across. Make slots the same length. Use horizontal slots to make a side to side moving mechanism. Use vertical slots to make a mechanism that moves up and down. Use a bridge to provide stability to the slider. Select appropriate materials according to their flexibility. Select and use appropriate joining materials such as glue sticks, PVA, cello-tape and masking tape.			Pop Up Mechanisms Fold 2 strips of paper together to make a concertina fold. Glue concertina fold on the top and the bottom to ensure it stays together. Make a box fold by folding paper in the place the pop up is going to be. Make cuts into the fold by snipping in from the folded edge. Make cuts the same length. Push pop up section through to the other side of the card and fold the crease to go the opposite way. Select and use appropriate joining materials such as glue sticks, PVA, cello-tape and masking tape. Select from and use finishing materials such as felt-tip pens, images, tissue paper and colouring pencils to make the final product beautiful.					
Focus area 2: Textiles	Christmas Bauble Use a needle to make large stitches. Thread a large needle with wool. Thread pony beads using a needle.			Christmas Bauble Use on over stitch to join two pieces of fabric. Thread a needle with embroidery thread. Push needle down through fabric from the top. Leave even spaces between stitches. Select and use finishing materials such as beads and embellishments.			Christmas Bauble Use a running stitch to join two pieces of fabric. Thread a needle. Push a needle down through the top of the fabric and up through the bottom without wrapping around the edge. Select and use finishing materials such as beads and embellishments					
Focus area 3: Structures	Enclosures Build an enclosure.			Shell Structures Build a shell structure. Use brick binding to add strength and stability.			Frame structure Build a frame structure. Use a wider base to add stability. Use buttresses to add stability.					
Focus area 4: Food	Fruit and Veg Peel fruit and vegetables. Zest Fruit. Mash fruit. Grate vegetables. Juice fruit. Cut fruit and vegetables using a bridge technique. Thread fruit onto a skewer. Follow basic hygiene principles.			Fruit jelly pots Cut fruits using claw technique. Dissolve granules in boiling water. Follow instructions. Pour liquid jelly into moulds. Set jelly in a fridge. Design a fruit jelly pot. Whisk cream to make it thick. Pipe cream using a piping bag. Arrange edible decorations. Follow basic hygiene principles.			Indian Food Measure and weigh ingredients using measuring cups and spoons. Knead bread. Dice vegetables using a claw technique. Cook flat bread – knowing when to turn over. Combine ingredients. Follow a recipe. Follow basic hygiene principles.					

