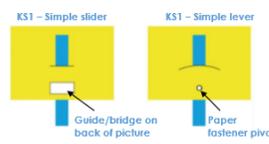
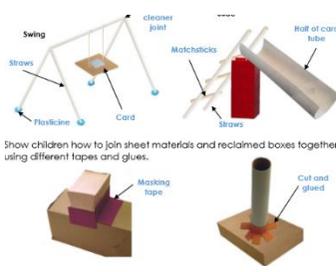


DESIGN & TECHNOLOGY UNIT OVERVIEWS 2020-2021

Developing, planning and communicating ideas		Can they think of some ideas of their own? Can they explain what they want to do? Can they use pictures and words to plan?			
Working with tools, equipment, materials and components to make quality products		Can they explain what they are making? Can they explain which tools they are using? Can they describe how something works?			
Evaluating processes and products		Can they talk about their own work and things that other people have done?			
Autumn - Sliders and Leavers		Spring - Freestanding Structures		Summer – Preparing Fruit	
DT Skills	DT Content	DT Skills	DT Content	DT Skills	DT Content
Can they make a product which moves? Can they cut materials using scissors? Can they describe the materials using different words? Can they say why they have chosen moving parts?	Children to create a card with moving parts focusing on creating simple mechanisms moves such as straight line forwards and backwards, round and in a curve.  <p style="font-size: small;"> K51 - Simple slider K51 - Simple lever Guide/bridge on back of picture Paper fastener pivot </p>	Can they make a structure/model using different materials? Is their work tidy? Can they make their model stronger if it needs to be? Can they make plans before making objects? Can they talk with others about how they want to construct their product?	Construct an enclosed structure. Using inspiration from the Three Little Pig create houses using different materials.  <p style="font-size: x-small;"> Show children how to join sheet materials and reclaimed boxes together using different tapes and glues. </p>	Can they cut food safely? Can they describe the texture of foods? Do they wash their hands and make sure that surfaces are clean? Do they understand where food comes from?	Children to practise their cooking techniques to create foods such as fruit salads, fruit and vegetable kebabs, salad and fruit smoothies. Children to develop the following cooking techniques: <ul style="list-style-type: none"> • Peeling • Slicing (claw) • Squeezing • Cutting (scissors)
Vocabulary		Vocabulary		Vocabulary	
Cut Stick Glue Join Design		Cut Fold Join Fix Structure		Fruit Vegetables Ingredients Diet Healthy	

DESIGN & TECHNOLOGY UNIT OVERVIEWS 2020-2021

Materials Card Slider Lever Pivot Slot Bridge/guide Pull Push Up down Straight Curve Forwards Backwards	Construct Framework Weak Strong Thinner Thicker Straight curved Plan Design Freestanding	Taste Knife, peeler, squeezer Soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard. Flesh, skin, seed, pip, core, slicing, squeezing.
Helpful Resources		
https://www.bbc.co.uk/bitesize/subjects/zb9d7ty	https://www.bbc.co.uk/teach/class-clips-video/design-challenge-design-portable-bird-hide/zf8g92p https://www.bbc.co.uk/bitesize/subjects/zb9d7ty	https://www.bbc.co.uk/bitesize/subjects/zb9d7ty