

	Required prior knowledge	Knowledge to be explicitly taught	How knowledge will be built upon
Substantive knowledge	<p>Food How to hold and use cutlery correctly. (YR Aut)</p> <p>How to cut food safely and what makes a sandwich. (YR Sum)</p> <p>To cut food safely I need to wash my hands and keep my fingers away from the knife. (Y1 Aut)</p> <p>Textiles Materials are something you can touch, that has a name. (Y1 Spr)</p> <p>A running stitch is small even stitches that do not overlap. (Y1 Sum)</p>	<p>Food Peeling is removing the outer covering or skin from a fruit or vegetable.</p> <p>Grating is reducing food to shreds by rubbing it on a grater.</p> <p>Forest fruits are grown on trees or bushes in the forest. They include strawberries, raspberries, blueberries and blackberries.</p> <p>Textiles Textiles are a type of cloth or woven fabric.</p> <p>Hannah Rampley is a textile designer from the UK. Her work is modern, bright and colourful.</p> <p>A blanket stitch runs along the edge of the material to make it stronger, but a running stitch is used to join two pieces of material together.</p>	<p>Textiles A running stitch is a simple sewing stitch consisting of a line of small even stitches that run back and forth through the cloth without overlapping. (Y3 Sum)</p>
Disciplinary knowledge	<p>Food I can cut a piece of food, using a knife safely. (Y1 Aut)</p> <p>Textiles I can use a running stitch to create a design or to join two pieces of material together. (YR Sum)</p>	<p>Food I can name different forest fruits.</p> <p>I can peel, cut and grate fruits to make a fruit salad.</p> <p>Textiles I can alter the appearance of fabric in the style of Hannah Rampley.</p> <p>I can use a blanket stitch to create a glove from an astronaut or Traction Man.</p>	<p>Textiles I can join two pieces of material together using a running stitch to make a 3D object. (Y3 Sum)</p>
Key Drivers	<p>Culture and Diversity - which helps pupils to develop enquiring minds about the wider world. Designers and architects from different countries, genders and periods of time are focused on within DT. Designers/Architects/Inventors: Hannah Rampley, United Kingdom (present)</p> <p>Environment and Community - which helps to instil in our pupils a respect for our environment and for our local and wider communities. Children are taught how to use different materials without creating waste and damage for the environment. Recycled materials are also reused within DT and children regularly use old boxes and junk modelling within construction. Eco: free access to 'MAKEDO' kits and cardboard during choice and challenge; importance of eating locally sourced foods (forest fruits).</p> <p>Creative arts and physical development - which helps our pupils to express themselves and excel as holistic learners. Children can use designing and constructing to present their knowledge in different ways across the curriculum.</p>		

Physical Development: CoJo – 'Ed Stafford' Mission 2 and 4 – designing, making and evaluating. Mission 6 – designing and making a dish (food).

Understanding where food comes from and how to prepare it supports physical activity. Children need secure fine motor skills to use a blanket stitch and running stitch successfully.

Learning to learn - *which helps pupils to concentrate and focus and build resilience as learners.*

Design and technology can develop resilience and teamwork.

Across the curriculum: Geography – locating where different foods are from and the impact that has on the environment. Discuss the benefits of eating locally sourced foods.

Books: Traction Man by Mini Grey