

Year R: Summer

Our Learning Leaves Curriculum – DT

	Required prior knowledge	Knowledge to be explicitly taught	How knowledge will be built upon
Substantive knowledge	<p>Food How to hold cutlery correctly. (YR Aut)</p> <p>Construction If an object is balanced, that means it is not moving. For boxes to balance you need to put the biggest ones on the bottom. (YR Aut)</p> <p>Joining is putting two things together. You can use materials such as glue to join. (YR Aut)</p> <p>How to use scissors correctly. Scissors can be used to cut different materials. (YR Aut/YR Spr)</p> <p>Glue can be use to join different materials together. (YR Spr)</p> <p>Houses are made from bricks because they are more stable and durable. (YR Spr)</p>	<p>Food A sandwich has two pieces of bread with a filling in the middle.</p> <p>Ingredients are any of the foods combined to make a particular dish.</p> <p>Construction Floating is when an object rests on the surface of the water without sinking.</p> <p>Sinking is when an object falls or drops slowing into the water.</p> <p>On a ship, each flag has a different meaning. They can be used to pass messages between ships.</p> <p>The names of different materials.</p>	<p>Food Kneading makes the dough stretchy and elastic. You need to stretch the dough away from you with the heel of your hand. (Y1 Aut)</p> <p>To cut food safely you need to wash your hands and keep your fingers away from the knife. (Y1 Aut)</p> <p>Construction An architect is a person who designs buildings. (Y1 Aut)</p> <p>To evaluate is to think about what went well and what you could improve. (Y1 Aut)</p>
Disciplinary knowledge	<p>Food I can hold my cutlery correctly and use it to eat different food. (YR Aut)</p> <p>Construction I can balance and stack different objects. (YR Aut)</p> <p>I can cut using scissors correctly and join materials together to create props for role play. (YR Aut/YR Spr)</p> <p>I can explain why I have chosen certain materials to build or create. (YR Spr)</p> <p>I can select tools for a purpose and use them successfully. (YR Spr)</p>	<p>Food I can choose the ingredients I need and can put them together to make a sandwich. <i>ELG – use a range of small tools, including cutlery.</i></p> <p>Construction I can explain which objects float or sink in the water.</p> <p>I can design a flag for a ship and explain its hidden message.</p> <p>I can name different materials and explain what they can be used for.</p>	<p>Food I can knead dough and shape it to make a landmark from the UK. (Y1 Aut)</p> <p>I can cut a piece of food, using a knife safely. (Y1 Aut)</p> <p>Construction I can design, make and evaluate a telescope, thinking about how I can make it stronger. (Y1 Aut)</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:

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;

Creative arts and physical development - which helps our pupils to express themselves and excel as holistic learners.

Children use construction to present their new knowledge in different ways, particularly in the outdoor area.

Physical development: constructing a sandwich, spreading butter and cutting ingredients will develop fine motor skills and is a good life skill to have.

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

Children need time outside within the construction area in order to focus within the classroom. Constructing allows the children to work together, developing both their teamwork skills and resilience.

Across the curriculum: The names of different materials and exploring floating and sinking will be linked closely to Science/Understanding the World

Books: Pirates Love Underpants by Claire Freedman and Ben Cort