

DT yearly overview for year 1 and Year 2

Design and Technology is a subject that is taught 3 times within the academic year.

	Autumn 1	Spring 1	Summer 1
Year 1	<p>Vegetable Soup</p> <p>In this unit the children will be able to look at and taste a variety of vegetables. They will learn about how they grow and where they come from. Children will use this research to design their own class vegetable soup and give reasons for their choices. They decide on which ingredients to use for their soup, learn basic cutting and basic hygiene skills. They will be able to evaluate what they have made and think about what they could improve next time.</p> <p>By the end of the unit children will be able to –</p> <p>Design a class vegetable soup, make it and evaluate what they have made and how it could be improved. They will know and use basic cutting and hygiene skills.</p>	<p>Bridges</p> <p>In this unit the children will be able to compare and discuss different bridges and their structures. They will use this information to design their own bridge. They will explore and investigate different materials to make the bridge. They will learn to use a range of tools and materials to make the bridge and they will evaluate the bridge they have made.</p> <p>By the end of the unit children will be able to –</p> <p>Design a bridge, make it and evaluate what they have made and how it can be improved. They will know basic cutting skills and</p>	<p>Pop up puppets</p> <p>In this unit the children will be able to look at different mechanisms of a pop up puppet. They will plan and design their own pop up puppet and give reasons for their choices. They will investigate and make mechanisms for moving a puppet. They will investigate and make joints for the puppet. They will make their puppet using the skills they have learnt, using a variety of materials and tools. They will be able to evaluate what they have made thinking about how they could improve it next time.</p> <p>By the end of the unit children will be able to –</p> <p>Design a pop up puppet, make it and evaluate what they have made and how it can be improved. They will know and use basic pop up</p>

	They would have an understanding of different vegetables and their tastes, as well as how they grow and where they come from.	building skills. They would understand how a simple bridge is supported.	mechanisms and develop basic joining skills. They would have an understanding of different pop up mechanisms.
When taught in year 2	Autumn 2	Spring 2	Summer 2
Year 2	<p>Pop-up book</p> <p>In this unit the children will investigate pop-up books looking at the different mechanisms that are used within each book. They will plan their own pop-up book thinking about the mechanisms they will use. They will make the book using differing pop up techniques and mechanisms. They will then be able to evaluate what they have made and how it could be improved next time.</p> <p>By the end of the unit children will be able to –</p> <p>Design a pop-up book, make it and evaluate what they have made and</p>	<p>Hot Cross Buns</p> <p>In this unit the children will investigate different types of hot cross buns, discussing their likes and dislikes. They will have a go at designing and creating their own healthy hot cross bun and deciding which fruits to include in their design. The children will practise different cutting, moulding and shaping techniques. They will plan their own hot cross bun, thinking about flavourings and shapes. They will make their bun using the techniques and research they have done. They will be able to evaluate what they have made and how it could be improved next time.</p>	<p>Garden Ornament</p> <p>In this unit the children will investigate different types of garden ornaments and their moving parts. They will look at and investigate different mechanisms used to make the parts move. They will then plan making their own moving garden ornament. They will make their ornament including making a mechanism for a moving part. They will then be able to evaluate what they have made and how it could be improved next time.</p> <p>By the end of the unit children will be able to –</p> <p>Design a garden ornament, make it and evaluate what they have made and how it could be improved. They</p>

	<p>how it could be improved. They will know and use basic cutting and sticking skills. They would have learnt about differing pop-up mechanisms and how they work.</p>	<p>By the end of the unit children will be able to –</p> <p>Design a hot cross bun, make it and evaluate what they have made and how it could be improved. They will know and use basic rolling, kneading and cutting skills and will understand the importance of hygiene. They would have an understanding of differing types of fruits that they could use, in their products.</p>	<p>will know and use a basic mechanism to make an object move and how to make them.</p>
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