DT linked to the Curriculum Drivers

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| **Curriculum Driver**  | **Links to DT** |
| Christianity and Faith | In DT we explore moral, cultural, environmental and spiritual issues so that we all consider what is right and good for other people, our environment and all living things. You will also see Christian values within DT lessons, such as teamwork, trust, respect (respect each other’s views, design ideas and artistic styles) and creation (looking at natural and manmade objects within the local area which can be sketched or used to inspire designs). At the same time, the children will be able to respect the main creator of all these natural objects surrounding them, which can be used to inspire their work.  |
| Our Local Area | DT can be inspired by the children’s thoughts and ideas, as well as their surrounding environment and local community. The children can use the woodland area, the garden, and surrounding areas in the village (including the church and other buildings) to inspire their designs while respecting the nature and buildings all around them. In Reception: The children can use outdoor spaces to explore forces and motion to inspire their construction and transporting. The children can explore colour, texture and shape within nature to inspire their drawing and constructions.In KS1: The children will explore the school grounds and local area to discover why humans and animals need shelter. Children will investigate the purposes of shelters, how they are made strong and study, whether they are temporary or permanent. Children will photograph their findings and compare similarities and differences. The children will investigate the properties of materials which influences their designs based on purpose, functionality and physical appearance. In LKS2: The children will look at how ancient builders used levers and pulleys to lift and move heavy loads, drawing inspiration from the Roman settlements nearby. The children will also explore how farming techniques have developed e.g horse drawn plough and trailers to tractors and combine harvesters. In UKS2: The children can look at supporting our local area by donating their pre-loved clothing to local clothes and charity shops. Within School we operate a pre-loved uniform service to help support our families. The children will learn how to upcycle clothes from home which helps reduce their impact on the world around them by reducing waste and demand. |
| Outdoor Growing, Learning and Environment | In DT we can explore the local environment to help with creating natural weavings and sculptures using the natural environment (resources) which surrounds the school.In Reception: The children can use the outdoor learning space to start mark making, drawing, and using natural objects to create pictures or patterns. They learn the growth cycles of fruit and vegetables by planting, harvesting and using the produce from the allotment and forest area in their cooking sessions. In KS1: Children will explore where food comes from by using our allotment and looking at our local farming community. The children will explore the basic principles of a varied diet, looking at the work of Jamie Oliver and School meal provision. Children will learn which tools are best for practical tasks and by using them increase their physical development and risk management.In LKS2: They will examine flowers in the local area, looking at shape texture and colour ready to decide the best way in which to represent the flowers in their design. They will study the famous designer William Morris and learn techniques to decorate fabric including block printing, hemming and embroidery. The children will study the technique of weaving. Make links with history regrading who would have been involved in this trade. They will also look at using twigs and leaves within the immediate outdoor space which can be used to create weaves. In UKS2: They will learn about the meaning and benefits of seasonal eating. Using the seasonal produce in their cooking, children will learn food preparation and cooking techniques. Drawing on inspiration from our Eco council assemblies we will rescue local fruit and vegetables and upcycle them to create delicious meals. |
| Wider World and Diversity | In DT the children can learn to appreciate the techniques, colours, and styles of a wide range of artists and engineers from a range of backgrounds and religions, from all around the world. In DT children explore construction/engineering, textiles and food production, knowing what products are made from, how they are made and where they come from provides children with an understanding of how their choices impact the wider world.  |