

D.T. Long Term Plan:

Term	Pre-School	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	-Explore different materials, using all their senses to investigate them. -Manipulate and play with different materials. -Use their imagination as they consider what they can do with different materials. -Make simple models which express their ideas.	-Explore, use and refine a variety of artistic effects to express their ideas and feelings. - Return to and build on their previous learning, refining ideas and developing their ability to represent them. -Create collaboratively, sharing ideas, resources and skills. - children use different techniques for joining materials, such as how to use adhesive tape and different sorts of glue.	Art and Music Units	Art and Music Units	Art and Music Units	Art and Music Units	Art and Music Units	Art and Music Units
Spring	-Explore different materials freely, to develop their ideas about how to use them and what to make. -Develop their own ideas and then decide which materials to use to express them. -Join different materials and explore different textures.	-Provide a range of materials and tools and teach children to use them with care and precision. Promote independence, taking care not to introduce too many new things at once. -Provide opportunities to work together to develop and realise creative ideas.	Structure - Making a Windmill - KS1 DT Lesson Plans	Mechanisms - Moving Monsters Lesson Plans KS1 DT	Textiles - Lower KS2 DT Lesson Plans Textiles And Fastenings	Digital Systems - Upper KS2 DT Lesson Plans Digital World	Electrical Systems - KS2 Torches and Electrical Systems - Year 4 Lesson Plans	Cooking - Come dine with me
Summer	*Taken from Development Matters. Reception will explore different topics throughout the school year at a time that suits their cohorts needs and interests.	*Taken from Development Matters. Reception will explore different topics throughout the school year at a time that suits their cohorts needs and interests.	Mechanisms - Cars Year 1 - Gra... BQ: Why do wheels rotate?	Structures - Chairs Year 2 - Gra... BQ: What makes a chair so strong?	Mechanisms - Toys Year 3 - Gra... BQ: What powers toys without electricity?	Textiles - Cushion Year 4 - Gra... BQ: What makes a cushion fit for purpose?	Food Tech - Healthy Eating Year 5 - Gra... BQ: How nutritious is our diet?	Electrical Systems- (Warning Systems) Year 6 - Gra... BQ: Where might you use a warning system and how does it work? Why is it effective?