Key Stage 1 D&T Long Term Plan

Cycle A

Autumn 1	**Spring 1**	**Summer 1**
Core Story: Rapunzel	Core Story: The Adventures of Egg Box Dragon	Core Story: Hummingbird
No D&T unit this half term. Art unit instead.	D&T Unit: Mechanisms and Construction	No D&T unit this half term. Art unit instead.
	Can I create a rotating part? Can I create a make a lever? Can I make a slider? Can I design an Egg Box Dragon with a moving part? Can I make an Egg Box dragon with a moving part? Can I evaluate my product?	
	Product: Make an Egg Box Dragon with a moving part.	
	Gallery: Display the Egg Box Dragons in class for the parents to see after school.	

Autumn 2	**Spring 2**	**Summer 2**
Core Story: Traction Man	Core Story: Look Up	Core Story: The Secret of Black Rock
D&T Unit: Mechanisms and Construction	No D&T unit this half term. Art unit instead.	D&T Unit: Textiles
Can I make a wheeled vehicle using construction kits? Can I explore how wheels and axels work? Can I make two types of wheels and axels? Can I design a moon buggy with wheels and axels? Can I make a moon buggy with wheels and axels? Can I use a hacksaw safely? Can I evaluate my moon buggy?		Can I explore and describe different textiles? Can I cut and join textiles by gluing and sewing? Can I design a sea creature made from textiles? Can I make a prototype of my design using paper? Can I make a sea creature using textiles? Can I add details to my sea creature?
Product: Make a moon buggy for Traction Man.		Product: Create a textile sea creature.
Gallery: Display them in the hall for everyone to go and see.		Gallery: Walk round each classroom to look at the sea creatures.

Cycle B

Autumn 1	**Spring 1**	**Summer 1**
Core Story: Wild	Core Story: The Robot and the Bluebird	Core Story: One Day on our Blue Planet
D&T Unit: Nutrition	D&T Unit: Joining	No D&T unit this half term. Art unit instead.
Can I sort healthy and unhealthy food? Can I sort food items into food groups? Can I talk about the importance of hygiene in a kitchen? Can I design a healthy lunch? Can I prepare food safely to make a sandwich? Can I evaluate my sandwich?	Can I explore how things are joined together? Can I practise joining in different ways? Can I design a robot using two types of join? Can I make a robot using two types of join? Can I decorate my robot? Can I evaluate my robot?	
Product: To make a sandwich for the girl in the story.	Product: To make a robot.	
Gallery: Share healthy lunch ideas with parents.	Gallery: Have the robots in class for parents to view.	

Autumn 2	**Spring 2**	**Summer 2**
Core Story: Grace and Family	Core Story: The Last Wolf	Core Story: The Bee Who Spoke
No D&T unit this half term. Art unit instead.	No D&T unit this half term. Art unit instead.	D&T Unit: Cooking and Nutrition
		Can I talk about where food comes from? Can I say what fruit and veg is and where it comes from? Can I prepare vegetables safely? Can I prepare fruit safely? Can I evaluate the dish that I produced?
		Product: Make a fruit salad.
		Gallery: Send home a recipe card of the fruit salad to share with parents.