



Design & Technology Long Term Curriculum Plans 2017-2018

	Autumn Term 2017:		Spring Term 2018:		Summer Term 2018:	
Year 1	Dips and Dippers What ingredients do I need for my dip? What food do I need to be healthy? @HealthboxCIC			Moving Pictures What does a slider, wheel and lever do? What mechanism should I use for my picture?	3D Models What materials do I need to make my lunch box? What happened when I tested my lunch box?	
Year 2		Cooking and Nutrition Smoothie making and where the food comes from?	3D Models Exploring, designing, making and evaluating castles			Sewing and cutting Exploring, designing and making bunting using different materials – sewing to join.
Year 3			Puppets What are the different types of puppets? How are they made? How can we design and replicate these using different materials? @PuppetCompany		Edible plants What are edible plants and herbs? How do they grow? What can we cook using them?	Mechanics (forces) How do links and levers work? How can we use these to design a mechanical poster?
Year 4		Electrical Systems Light up Christmas decorations.	Textiles		Sculpture Iron man, Antony Gormley @gormley_art	
Year 5		Mechanics Can I make a model volcano which uses a cam mechanism?	Design and making Phone cases	Cooking and nutrition Global Food		

Year 6

**Structures and
strengthening**
Architect study
Building bridges

Materials/Cooking

I can design and make a chocolate box.

I can design my own chocolates to suit our audience.

I can conduct product research to inform my design stage.