Manor Primary School

Year 4 DT Implementation

These statements are used to assess the impact our teaching intention and the progress of children during their learning journey.

	Autumn 2	Spring 2	Summer 2
Theme	**Chocolate design & packaging**	**River Models**	**Mosaics**
	I know how to be both hygienic and safe when using food. I can present a product in an interesting way. I can design a product and make sure that it looks attractive.	I can follow a step-by-step plan, choosing the right equipment and materials. I can sculpt clay and other mouldable materials.	I can use ideas from other people when I am designing. I can produce a plan and explain it. I can explain how I have improved my original design.
Designers	**John Cadbury** – (Dairy Milk) **Socio Design** (Beau Cacao)	**Charles Hutton** (engineer) who designed the first topographical map	Alexander Mosaic – House of the Faun, Pompeii. Design based upon Hellenistic original painting by either **Philoxenus or Aristeides of Thebes** **Antoni Gaudi** – 1852 – 1926 (Park Guell)
Skills and development	Learn how chocolate is made Taste and evaluate flavours, learning common pairing profiles Learn what a cross sectional drawing is and understand why they are useful. Research and evaluate existing packing designs Design their own wrapper. Select tools and equipment to measure and accurately make their packaging from card/foil. Learn how to work hygienically and safely when producing food/melting chocolate. Evaluate taste and effectiveness of finished product. Children consider whether they would make changes if they were to make the product again.	Create a labelled drawing from two perspectives. Children to mark out and accurately cut cardboard to build up 3D aspect of model. Use Modroc to smooth out and sculpt features of the landscape. Select and use paint and a variety of brush sizes to represent geographic features. Evaluate their work against their original designs. Consider the challenges and what could be done differently next time to improve the product.	Understand what a mosaic is through looking at Roman and more modern Gaudi designs. Learn how to turn images into mosaics. Use researched designs to create an original mosaic design. Test design – understand why this is important, then evaluate and see what needs to be changed or adapted. Select tiles, place and accurately fix using glue to the board. Use tools to add grout to the mosaic to improve the finish of the design. Evaluate the finished product against their original design, considering improvements that could be made.