



Curriculum Intent: DT

At BHJS children should be inspired to design, make and evaluate products inspired by engineers, designers, chefs and architects to enable them to create range of structures, mechanisms, textiles, electrical systems and food products with a real-life purpose. This will be achieved by making purposeful links to other curriculum areas, and through enrichment activities - which include forest school, clubs and opportunities to participate in STEM (Science, Technology, Engineering and Maths) enrichment activities and home learning projects.



Local and Global relevance

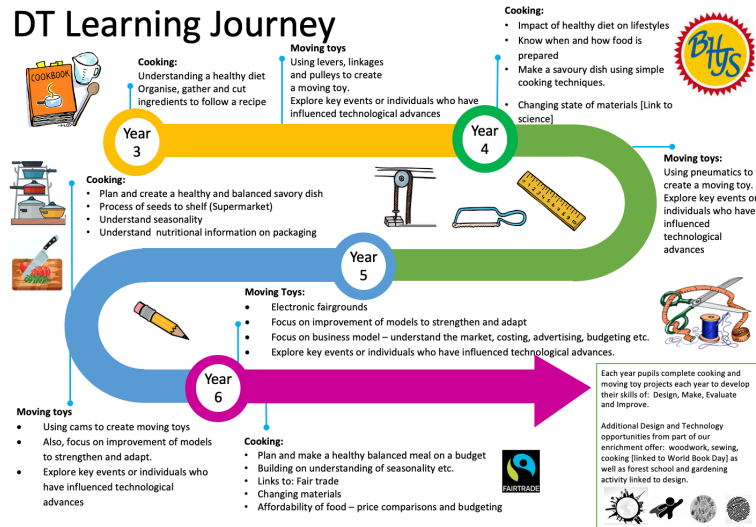
Our curriculum will allow pupils to develop their understanding of the design and make process by evaluating designs, generating innovative and creative solutions to real world problems, alongside using computing to support on-screen design. Linking to local design projects, themes or national STEM opportunities children can see how Design and Technology are an important part of everyday life.



Confidence and resilience

By engaging in practical work, pupils will build up confidence to use a range of tools, opportunities to generate designs and collaborate as a group. Children will then test and evaluate products giving each other valuable feedback upon which to build. By listening to a range of viewpoints, children will be supported to think critically as designers and engineers with growth mindsets to respond to the original design brief.

DT Learning Journey



Inclusivity and Diversity

We aim to challenge the stereotype of what constitutes an engineer by linking to our history and/or PSHE curriculum to explore significant individuals and how their designs have influenced our lives today – for example Brunel's industrial heritage. DT is an opportunity for pupils to excel and collaborate in the design and make process and view themselves and each other as engineers.



Identity and values

Through creative projects both in school and at home, we endeavour to provide opportunities for creativity and celebrate the children's creative ideas through assembly, enrichment days and the use of social media.