Design & Technology Road Map



EYFS

Children will begin their DT journey in EYFS through a range of adult guided and child initiated activities. They will learn to design, make and evaluate through textiles, food, mechanisms and structures. Children will learn construct with a purpose in mind, selecting tools and techniques needed to shape, assemble and join materials. They will begin to talk about changes made during the making process. Children will learn how to use a range of tools including rolling pins, scissors and staplers.

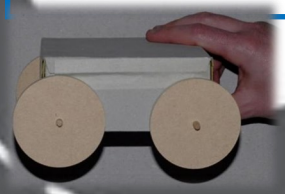






KS1 Cycle A

In Cycle A, KS1 children will continue to design, make and evaluate through mechanisms, structures and food. Children will build on their designs from EYFS and now design products that are useful, choosing the right tools and selecting the right materials. Children will develop confidence to explain how good their own product is and explain ways they could make it better. In Cycle A, the children will develop their technical knowledge, learning how wheels and axels work, how to join materials together to create a strong structure and cut, peel and grate food with confidence.







KS1 Cycle B

In Cycle B, KS1 will develop their DT skills to design, make and evaluate textiles, mechanisms and food. Children will develop their textiles skills from EYFS and now experiment with a range of stitching. Building on Cycle A, children will be confident handling materials and basic tools such as scissors, rulers to measure and draw straight lines, hole punches and split pins. Children will design products, thinking of ideas and explaining them in different ways, including drawing and talking about them. Children will build on their technical knowledge this year, learning how to use levers or slides to enhance their product as well as knives to prepare food.

