D and T Kidgate Academy 2025

Structures/ Can I return to and Can I Can I Can I create Mechanism ouild on previous different materials. construct collaboratively with learning? s - Why do **EYFS** KS1 others? tools and techniques? explore a using a windmills variety of Textiles variety of go round Can I develop ways Can I share my Can I share ideas and round? resources? tools? How can I to represent my ideas? creations with others? resources and skills? make a fabric puppet? Stability & Strength, Technical Knowledge Children will have clear Cooking and Nutrition -Design inspiration, technical knowledge, practical knowledge and design process enjoyment and confidence in Design and Technology Where do fruits come that they will then apply from and how can they be to other areas of the Digital World Wearable Technology -What makes Structures Cooking and Nutrition -Mechanisms Structures lechanisms eaten? What curriculum. (wheels and How can we (levers. Why should famous LKS2 axles) - Do linkages and the food we make Baby buildings wheels only computer pivots) - How Through carefully planned eat change Bear's chair aided design can we **Structures** with the work on can I make a and implemented learning stronger? popular? create? (Pavilions) seasons? vehicles? toy move? activities the pupils How can we strengthen develop the creative, frame technical and practical structures? expertise needed to perform everyday tasks confidently and to Mechanism participate successfully in s - Why are an increasingly some cars technological world. faster than **Electrical** Food - How Cooking **Textiles** others? **Digital World Mechanisms Electrical Systems** Systems (motors) - How does evaluating (Pop Up Books) - How can I make an do you and - How did my How can I (light) -What **UKS2 Nutrition** provide product make a food on the

Can I make

dinner?

D and **T** Curriculum Map

makes a

good torch?

Design inspiration, technical knowledge, finger fluency, guided design and design challenge

help me to

problem solve?

interactive

pop-up book?

themed

stuffed toy?

frontline?

match my

design brief?