

Nurture creativity & innovation through designing and making,

Develop an understanding of technological processes, products, their manufacture & contribution to society.

### Impact-

Develop their designing & making skills & knowledge & understanding of DT.

Develop their capability to create high quality products through combining their designing & making skills with knowledge & understanding.

Based on the National Curriculum, teaching distinctly sequenced and progressive lessons.

### Implementation-

Provide equal opportunities & develop the knowledge and skills of individual pupils through a range of structured & adapted activities.

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Teach skills relating to designing and making products successfully.

### Intent-

- To ensure children apply knowledge and skills when designing and making products.
- To enable our children to consider the needs of individuals and society when designing products.
- To give our children opportunities to use a range of materials and processes; to explore, evaluate and amend ideas.
- To build on their skills for both independent learning and teamwork.
- To teach a broad and balanced curriculum, with clear skills progression through year groups.
- To expand and deepen children's technical vocabulary.

Key technical vocabulary for DT is identified in the LTP & used in each lesson.

Explore and evaluate a range of existing products. Produce designs and plans, listing tools/materials needed.

Additional DT opportunities are provided as part of half-termly Homework Challenges. Educational videos / songs shared with parents via SeeSaw.

Recognise safety implications for themselves and others. Demonstrate safe use of a range of equipment.

Design and make purposeful products. Evaluate their work throughout the making process, suggesting alternatives when necessary and evaluate the final product in terms of what is and is not working.

Become increasingly more accurate in the measurement, marking, cutting & combining of materials.

Explore values about and attitudes to the made world and how we live and work in it.

Develop teamwork skills and listen to others' opinions.

Understand and apply the principles of nutrition and learn how to cook.

