



Design & Technology at Newton Village Academy



Vision



For children

To use research to create design concepts with confidence, then model and test them

To be reflective learners, who evaluate their work and the work of others

To establish a strong understanding of health and nutrition within cooking

To evaluate past and present design and technology to develop an understanding of its impact on daily life and the wider world.



Curriculum Approach

- Unit plans outline small steps progression
- Each module builds on previous knowledge and skills
- Opportunities to use a range of tools, equipment, materials and components to perform practical tasks
- Pupils design and make products that solve real and relevant problems within a variety of contexts
- To cook and apply the principles of nutrition and healthy eating



Teaching & Learning Approach

- Retrieval Practice activity at the start of each lesson to recap prior knowledge
- Explicit teaching of vocabulary
- Adults model how to use equipment and tools safely
- Lessons draw on STEM disciplines linked to the wider curriculum
- Children follow the design, make and evaluate lesson process
- Work is recorded in DT/Art books and on Tapestry



Assessment & Feedback

- Staff listen to pupils talking about DT to assess their knowledge
- Staff read children's annotations in sketchbooks
- Staff provide instant feedback during the lesson to address any misconceptions at the point of learning
- Staff ask insightful, carefully planned questions to assess children's knowledge and understanding
- Judgements are made about how well the pupils achieve the unit objectives

