



Design & Technology at Yarlside 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
- To evaluate past and present design and technology to develop an understanding of its impact on daily life and the wider world.
- To become resourceful, enterprising citizens who will have the skills to contribute to future design advancements
- To leave Yarlside Academy equipped with creative, practical and technical skills



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 books
- Opportunities to celebrate their work through exhibitions and Work of the Month



Assessment & Feedback

- Staff observe and listen to students during lessons to evaluate their understanding
- Staff provide 'live' insightful feedback to address any misconceptions at the point of learning
- Staff ask insightful, carefully planned questions to assess children's knowledge and understanding
- Pupils complete end of unit summative assessment using a quiz from 'Kapow'
- Judgements are made about how well the pupil has achieved the unit objectives

