

## What does design and technology look like at Great Doddington Primary School?

### Intent

At Great Doddington Primary School we intend to build a Design Technology curriculum which is inspiring, rigorous, and practical. We want our children to use creativity and imagination, to design and make products that solve real and relevant problems considering their own and others needs within a variety of contexts.

### Implementation

At Great Doddington Design and Technology is planned through the Chris Quigley approach which covers the requirements of the National Curriculum. The Design and Technology projects are well sequenced to provide a coherent subject scheme that develops children's designing, planning, making and evaluating skills. Design and Technology activities offer children the opportunity to explore the modern world, their local community and see the impact technology has on everyday life. Teaching children a wide range of skills and the appropriate use of tools and materials.

### Impact

Through our Design and Technology curriculum children will be able to:

- Develop their creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- Build and apply a repertoire of knowledge, understanding and skills.
- Design and make high-quality prototypes and products for a wide range of users.
- Critique, evaluate and test their ideas, products and the work of others.
- Understand and apply the principles of nutrition and learn how to cook.
- Design and make a range of products.
- Provide a good quality finish on all designs and activities which are made appropriate to the age and ability of the child.

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### Principles of learning in computing:

- To frequently revisit learning
- To have high expectations for all pupils
- To prepare children for next steps in learning
- To develop confident learners
- To develop learners that are independent and resilient
- To develop the acquisition of oracy skills through the use of a broad vocabulary
- To develop their understanding and expand their vocabulary
- To support children to make connections in their learning with other subjects
- To be able to connect knowledge to other areas of learning and recall what they already know to apply knowledge gained
- To communicate using a range of sophisticated vocabulary and express themselves using oracy skills in a variety of ways.
- To have a growth mindset and a positive 'can-do' attitude towards the subject of design and technology.
- To develop and promote an 'everyone can' attitude- for all children to succeed