# Grangers are Designers

#togetherwegrow

Marches Academy Trust

# Design Technology - Intent



At Grange Primary School we believe that all children should be entitled to a broad and balanced curriculum. Through our delivery of Design Technology we aim to meet the National Requirements and ensure that all children:

- develop the 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 in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

Grangers dream big and fly high!

# Design Technology – Our Vision

Pupils are encouraged to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values.

During Design and Technology lessons, pupils are taught language skills they will need to be effective communicators, to work as part of a team.

Pupils are encouraged and supported to be critical thinkers, forward planners and effective problem solvers.





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# Design Technology – Our Vision

At Grange Primary pupils are supported to develop their work as individuals and as part of a valuable, productive team.

Resilience is a key theme running through the DT curriculum, and the children are encouraged to become innovators and risktakers, making evaluations and reflecting upon their work.





# Design Technology – Implementation

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**How do we teach Design Technology at Grange Primary School?**

- Design Technology is taught using the Kapow Primary scheme of work. Kapow provides comprehensive statutory subject coverage as well as taking into consideration progression and DfE updates.
- Units of lessons are focused on food, mechanisms, structures, textiles, electrical systems and the digital world.
- At Grange Primary we use Kapow to support our learning which

# Design Technology - Impact

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**When does DT take place and how is it recorded?**

- Design Technology is taught once a week. Sometimes year groups ‘block’ this subject over the course of a special DT day/days. EYFS embed Design technology throughout their curriculum and children have access to art supplies both through adult-led sessions and continuous/free play provisions.
- Design Technology is recorded in individual Art/D+T Books from Year 1 to Year 6. Class teachers can take photographs where final products are difficult to record in books which are to be entered into individual books.

**What interventions are available to support/extend pupils in Design Technology?**

- Teachers make careful adaptations and differentiate lessons to ensure that all pupils can access and 'fly high' in our DT curriculum.

**What assessment takes place?**

- Teachers make formative assessments through observations and discussions.
- Kapow has an assessment opportunity in the form of a quiz. Kapow also has a ‘knowledge capture’ activity, both of which can be used at the start and/or end of each unit to assess pupil progress.




