# Design & Technology

## Curriculum Intent

At Bressingham Primary School, we want our children to be creative and imaginative when designing and making products. We encourage them to be resourceful, enterprising and innovative, so they are able to solve problems in a range of contexts. Pupils should adopt a reflective mindset to enable them to evaluate their products.

## Our Curriculum Drivers



## Characteristics of a Designer

- Significant levels of originality and the willingness to take creative risks to produce innovative ideas and prototypes.
- An excellent attitude to learning and independent working.
- The ability to use time efficiently and work constructively and productively with others.
- The ability to carry out thorough research, show initiative and ask questions to develop an exceptionally detailed knowledge of users' needs.
- The ability to act as responsible designers and makers, working ethically, using finite materials carefully and working safely.

- A thorough knowledge of which tools, equipment and materials to use to make their products.
- The ability to apply mathematical knowledge to the project.
- The ability to manage risks exceptionally well to manufacture products safely and hygienically.
- A passion for the subject and knowledge of, up-to-date technological innovations in materials, products and systems.

# Implementation

Our pupils should be able to organise their knowledge, skills and understanding around the following threshold concepts:

- Master practical skills
- Design, make, evaluate and improve
- Take inspiration from design throughout history

These key concepts underpin learning in each milestone. This enables pupils to reinforce and build upon prior learning, make connections and develop subject specific language.

The three milestones show the accumulation of knowledge and skills from Year 1 to 6.

# Impact

Our assessment systems enable teachers to make informed judgements about the depth of their learning and the progress they have made over time. Teachers assess children at the end of each unit using the milestones and depth of learning within the milestones. This is reviewed by the subject leader, who also carries out regular learning walks and book scrutiny.