

Curriculum Intent: Design and Technology

“ We want our pupils to have the confidence to take risks when drafting design ideas and to be reflective learners when evaluating their own work and the work of others. We also ensure that pupils are aware of the impact that design and technology has on our everyday lives. ”

Our Design and Technology Curriculum aims to stimulate our pupils to be creative thinkers, who have a good understanding of the product design cycle: research and ideation; creation; and evaluation. We want our pupils to have the confidence to take risks when drafting design ideas and to be reflective learners when evaluating their own work and the work of others. We also ensure that pupils are aware of the impact that design and technology has on our everyday lives.

At Kingham, the Kapow scheme of work underpins our design and technology curriculum. This ensures that there is a clear progression of skills from EYFS to KS2, and that the themes of *food, cooking and nutrition; mechanical systems; textiles; electrical systems and structures* are regularly revisited and built upon.

Each academic year, our pupils cover three Design and Technology units, each with a clear design purpose, that may align with a relevant humanities topic. The end results are celebrated and shared internally and with parents, during our regular ‘open door’ visits.

We aim to equip our pupils with a range of practical skills that will enable them to be successful as they continue their design and technology journey in KS3, and to be innovative and resourceful citizens of the future.