



## Vision For

# Design & Technology

*In Jerusalem he made engines, invented by skillful men, to be on the towers and the corners, to shoot arrows and great stones. And his fame spread far, for he was marvelously helped, till he was strong. 2 Chronicles 26:15*

Design and technology (DT) prepares children to take part in the development of tomorrow's rapidly changing world. Creative thinking encourages them to make positive changes to their quality of life and the lives of others, as they develop an **awareness** of how the creation of new products can benefit consumers, regardless of whether they live in rich or poor countries and gives them **aspirations** to make the world a better place for all.

DT encourages children to become autonomous and creative problem-solvers, both as individuals and as part of a team. It enables them to identify needs and opportunities to respond, by developing ideas and eventually making products and systems. We believe that making mistakes is an integral part of learning in DT, which develops perseverance and **resilience**, as the children learn and is an importance skill required for learning, life and work.



At St. Mary's Catholic Primary, through the study of DT, children learn to combine practical skills with an understanding of aesthetic, social and environmental issues, as well as functions and industrial practices. This allows them to reflect on and evaluate present and past design and technology, its uses and its impacts. DT helps all children to become discriminating, **compassionate** and informed consumers and potential innovators.