

Values & Inclusion

D&T is expressive in nature & is therefore inclusive of all pupils no matter their background, experience or talent. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Each year group focuses on a specific cooking project which builds upon their prior learning of health & nutrition and takes into consideration their dietary needs.



Design and Technology at New Invention Junior School

Our Design & Technology Curriculum

Design & Technology is a rigorous, practical & inspiring subject. We believe that it stimulates creativity, enthusiasm and imagination. At New Invention Junior School, we follow our skills progression document to ensure children are taught to develop the practical skills as well as the technical knowledge they require. Pupils are encouraged to design, make and evaluate products that solve real and relevant problems within a variety of contexts. Children are encouraged to become curious when exploring a range of different materials and resources. In all areas of D&T, children are encouraged to consider the effectiveness of their designs and the requirements of their products. We encourage children to be reflective and adapt their designs considering their own and others' needs, wants and values. Through the evaluation of past & present design and technology, pupils develop a critical understanding of its impact on daily life and the wider world.

Cross-curricular links

At New Invention Junior School, we aim to make purposeful links across the curriculum. We plan exciting D&T projects which link to the wider curriculum (see our D&T projects overview). Pupils acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science & art. We encourage the use of ICT, particularly in the use of computer aided design.

SMSC

We encourage all children to develop independent thinking and creativity through our teaching of D&T. Pupils are encouraged to reflect on their own and others' work. At New Invention Junior School, we take inspiration from many cultures & pupils are encouraged to study events and individuals who have helped to shape the World.