

## Why is DT important?

Design Technology gives all children the opportunity to develop skills, knowledge and understanding of designing and making functional products.

Using creativity, imagination and individuality, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values.

Ultimately, children learn how to take risks, become resourceful, innovative, enterprising and capable citizens, whilst utilising a range of communicative skills to express and present their designs.

## What do our children think?

"In Design Technology, you get to make really cool things like wooden cars and phone holders using different tools and materials."

"I really like DT because it is fun to design projects and see if they work. If they do not work, it is still a fun process and makes me think about how to amend it to work next time."

"I loved making my fairground ride and now I know all about pulleys and gears."

## What are our visions for DT at Ribbon?

- A Design and Technology curriculum that encompasses a range of skills and builds upon that over the children's years in the school. This is based on the DT Principles – User, Purpose, Functionality, Design decisions, Innovation and Authenticity.
- A well-equipped and informed teaching team delivering the Design and Technology curriculum to pupils.
- Fun and engaging lessons that spark a love of design in all pupils of all abilities.

## What does DT look like at Ribbon?

At Ribbon, we feel it is vital to nurture creativity and innovation through design by exploring the designed and made world in which we all live and work. All pupils of all abilities, from Early Years to Year 6, participate in engaging, purposeful and rich D&T lessons. The children are encouraged to research, design, construct and evaluate models according to a design brief. The level of design criteria, practical skills required and the evaluative processes used progresses as the children move through the school.

All children have access to a DT curriculum in accordance with UNCRC Articles 28 and 29. All pupils including SEND and More Able pupils are set suitable learning projects in response to the diverse learning needs to overcome potential barriers to learning new skills. In some activities, pupils with SEND will be able to take part in the same way as their peers. In others, some modifications or adjustments will be made to include everyone. DT gives all pupils a real sense of achievement alongside the practical application of their own designed ideas.

# DESIGN & TECHNOLOGY

