

## Our vision for DT at our school

At North Mundham we want all children to consider themselves a successful designer. We aim for every child to discover an interest in Design Technology and become innovative thinkers. We aim to provide a curriculum that allows all learners the opportunity to enjoy being creative whilst developing vocabulary, engagement with materials, tools and working practically. Developing the skills of independence, judgment, problem solving and self-reflection enables pupils to create work that is purposeful and enhances their topic learning across all subjects. We aim for children to continually think about how they can make changes and keep improving, having engaged with similar products and considered their purpose. Teaching with adaptive practice, such as scaffolding, modelling and questioning allows all children to make progress. Ultimately, we want children to enjoy DT lessons and be confident to 'have a go' at applying their new skills in future learning.

## Design Technology at North Mundham Primary School



## A North Mundham leaver will..

- Be reflective and able to evaluate their work
- Have a resilient learning attitude towards product design
- Have a range of design skills and know how to develop a design/concept
- Have developed a wide range of technical and topic vocabulary
- Be able to explain how DT learning links to the wider world around them
- Be able to explain design/products they appreciate and why.
- Demonstrate enjoyment when designing, making and evaluating their own product
- Have discovered new interests and talents in design, sculpture and

## All children will have the opportunity to...

Learn the skills required to be a successful designer and allow them to critically engage with design, sculpture and construction. Pupils will have opportunities to create and develop a range of products and access a range of materials in order to understand their properties. Pupils will widen their vocabulary and technical language whilst engaging with products and considering their purpose practically. Our DT curriculum provide pupils with opportunities to develop their skills using a range of media, materials and tools. Pupils will learn these skills through cooking and nutrition, textiles, mechanisms and construction.

## We enrich the curriculum by

- Making use of the local area through school trips, linked to topic-based learning, to provide real life examples of products.
- Having opportunities at OPAL to apply skills learnt eg in den building.
- School clubs such as cooking and construction
- STEM/Science weeks which provide opportunities to work collaboratively across the school
- Careers fairs to learn about how a passion for ST can inspire future jobs.

## Our DT curriculum

Our Curriculum is based on the Cornerstones Maestro which develops DT through a series of mini projects linked to Topics. Children have the opportunity to develop their skills progressively following a range of projects based around food technology, mechanisms, structures and textiles. The projects the children undertake are meaningful and continuous throughout the process from concept to product. Cross curricular links mean children can confidently apply their new knowledge to other areas of learning.