

DT Curriculum statement.

Our DT curriculum is structured to ensure that it is progressive and meets the requirements set out in the National Curriculum. It is planned and taught in such a way that it supports the learning in other curriculum areas to support how knowledge is embedded. It encourages pupils to make connections with these aspects of humanities and the real world enabling the pupils to think critically, creatively and to solve problems in different ways.

Implementation.

DT is structured so that pupils encounter core aspects of the subject such as food, structures, mechanisms and electrical are revisited to ensure skills and knowledge are built on year by year. Teachers use Projects on a Page units to support this.

All teaching of DT follows the evaluate, design, make and evaluate cycle with opportunities for pupils to evaluate existing products in order to develop their own ideas. Each stage is rooted in technical knowledge and in real life, relevant contexts to give meaning to the learning. We are currently creating our own bespoke unit plans to ensure that genuine connections are made to support the learning across other areas of the curriculum.

In EYFS there is a clear emphasis on building and developing the skills children will need to be future design technologists. Staff carefully plan for children to experience creative opportunities and at the same time develop key skills and techniques. There is a focus on developing fine motor skills and learning how to plan, design and produce the finished project. The knowledge and skills pupils acquire and develop in the EYFS provide a firm foundation for the pupils to flourish in DT in later years.

Impact

In the next academic year, the pupils will begin portfolios to showcase the development of their DT knowledge and skills. These will clearly show each stage and process the children have undertaken in order for them to create their final product. These will move with the pupils through the school and will enable them to see the progress they are making. More importantly it will enable the pupils to refer back to previous learning in order to reinforce and embed knowledge and skills.

The pupils develop the creative, technical and practical expertise needed to perform everyday tasks confidently to participate successfully in the technological world. They will apply their knowledge, skills and understanding in order to design

and make high quality products and prototypes for a wide range of uses. They will critique, evaluate and test their ideas and products and the works of others. They also will use and apply the principles of nutrition to learn how to cook.

Pupils will be expected to produce a high quality finished product appropriate to the task, stage and development of the child.