Design and Technology at St Pius X

Parent Information Booklet

In this booklet, Design and Technology will be referred to as DT.
Your child will probably know the subject as DT.

What will you find in this booklet?

How DT is taught in Early Years

How DT is taught across KS1 and KS2

How is your child assessed in DT?

How can I support DT at home?

The planning, teaching and assessment of Design and Technology (DT) across St Pius X is the responsibility of the individual class teacher.

Design and Technology (DT) is monitored by Miss Cunningham.

Design and Technology in EYFS

In the Early Years Foundation Stage, Design and Technology (DT) is taught through different topics. This gives children inspiration and background for their DT.

DT is taught through Expressive Arts and Design. This allows children to experience a wide range of materials and resources.

Design and Technology in KS1 and KS2

At St Pius X, Design and Technology is taught through different topics. This gives children inspiration and background for their DT.

In KS1 and KS2, children are formally introduced to the *plan, design, make* and *evaluate* process.

How is Design and Technology taught at St Pius X?

Children of all ages often find it difficult to understand the difference between Art and Design and DT. With DT, children plan and design products that solve real life problems and have a real life _purpose._ They then make the product applying their understanding from a range of subject such as maths, science, computing and art. Finally, they evaluate their product against their original plan and purpose.

Another essential part of DT is understanding nutrition, healthy eating and begin to learn how to cook.

How is your child assessed in Design and Technology?

Assessment takes place in every lesson to make sure children have the skills and knowledge needed. This assessment is completed through Curriculum Maestro in line with other foundation subjects at St Pius X.

Children's work for DT is completed in both their Art and Design sketchbook and Learning Projects book. Their Art and Design sketchbook is used for any designing and drawing of plans or prototypes. In the Learning Projects, there will be evidence of the making and evaluation process.

How can I support Design Technology at home?

At the start of every half-term, all children are given a homework grid based on their topic.

These homework grids help children develop their thinking towards a range of subjects, including science and technology (which includes science, DT and eco issues) and gives them many different options to try.

See example below.

Areas of Study	Thinking Levels			
	Knowing 1 point	Understanding 2 points	Applying 3 points	Analysing 4 points
Science & Technology: Science, D.T., Eco issues	Make small Anglo-Saxon charms and thread them onto a cord to create a personalised necklace. For inspiration, research Anglo-Saxon jewellery.	Dress up in a typical Saxon or Viking costume. Are you a farmer, warrior or tradesperson? Red and gold were popular colours but poorer people may have not been able to afford to dye their cloth.	Search online for recipes to make Anglo-Saxon bread or Viking flatbread. Do you prefer it to white bread or brown bread? Explain why.	What did an Anglo-Saxon village look like? Draw a diagram and build a model of an Anglo-Saxon village. Don't forget the people. You can't have a village without miniature people living inside.

Additional Activities to Complete at Home…

It's never too early to get children involved in the cooking and baking process. Children of all ages can get involved in the planning and making of some tasty meals. It doesn't always have to be cakes and treats, you can even make savoury items. For Design and Technology to be completed correctly, children need to take part in the *plan, make* and *evaluate* process, otherwise it will just be art. To remember if it is art or DT – does it have a purpose? If it does, it's DT. If not, it's Art.

As always, thank you for all your support regarding Design and Technology at St Pius X and especially all home learning.
We look forward to seeing even more home learning in the future.