

Subject on a Page: DT



At Holmer Green Junior School, we want our children to develop their understanding of DT. We want our pupils to have the ability to design items for a user with the users' needs at the forefront of their thinking, so that their design is purposeful, functional, innovative and authentic, with the design constantly evaluated and improved.

Intent: What do we aim to deliver?

DT is taught for one hour and forty-five minutes fortnightly.

For pupils to have a clear idea of who they are designing and making products for, considering their needs and wants in their design.

Each product they create should be designed to perform one or more defined tasks.

Pupils will have the resilience to learn from products not working the way they planned the first time and they will problem solve to complete a successful final design.

When designing and making, pupils are original with their thinking.

When making design decisions, pupils will decide on the form their product will take, how their product will work, what task or tasks it will perform and who the product will be for.

Implementation: How do we aim to deliver this?

Pupils will be provided with a fully resourced DT room, ranging from woodworking tools, to computer aided design. There is also a fully equipped kitchen with well-balanced recipes to follow, including both sweet and savoury offerings.

Children will be able to explore high quality visual models, deciphering how they work, before developing and improving these.

Children are taught how to use constructive peer feedback and support to develop their designs. They will work both independently and in teams for different projects.



Children will be provided with relevant information to support the planning of their design. They will also have the chance to evaluate other products already in the market and see what works well and what does not.

*Savoury Cheese Muffins
With Sweetcorn*



All pupils will be taught substantive knowledge and will feel able to apply this to their designs. These practical skills will enable them to construct their products.

Children are taught to constantly analyse their product to see if improvements could be made. They will be given support to persevere, recognising that adjustments are all part of the design process.

Impact: How will we know when we have delivered it?

High levels of Engagement and Enjoyment

Children will express enjoyment towards the subject and enthusiasm during lessons. They will develop the confidence to 'have a go' using prior knowledge to support them.

Ensuring Progress

Children have the chance to self-assess their products by evaluating them against the success criteria. Teachers can monitor the children's progress through observation and using verbal and written feedback.



Creating a growth mindset

Children will develop their resilience by giving projects a go and evaluating their work. Using this skill across other subjects to improve.

Getting them ready for the future

To give children a understanding of how DT fits into STEM and an understanding how product design is used in many different areas of manufacturing. Giving all children an opportunity to thrive.