DT

At Poulton Lancelyn, our DT lessons are linked to our termly topics, and ensure full National Curriculum content. Skills and knowledge ladder (Focus Education) are used flexibly to ensure that knowledge and skills in DT are developed and built upon throughout their education.

We aim to have certain skills that are woven into each key stage but are progressed throughout their education so that they are able to use their previously learnt knowledge and skills to create increasingly more intricate and challenging products.

The DT learning process in each year group will follow a similar format: each lesson should have a clear learning focus. Children will first develop an understanding of the importance of researching pre-existing products; for example, carrying out their own market research to inform their own design. Pupils will then be given the opportunity to plan and design a product with a clear purpose and audience in mind; during this part of the process, pupils will be encouraged to take into consideration the appropriate tools, joining materials, measurements and other key details that will help their product meet the design criteria. After this, teachers will provide pupils with an opportunity to practise the key skills involved with focus practical tasks. Once pupils have practised the skills, they will be given time to create their products and then evaluate their effectiveness.

During the whole process, children will have access to a wide range of resources (websites, videos, hands-on experiences) to enhance their learning. Pupils will also have the opportunity to work collaboratively and independently during the planning, designing, making and evaluating processes. As science, technology engineering and maths are so prevalent in today's society, we will aim to give pupils as much opportunity as possible to develop STEM skills throughout our DT teaching -providing pupils with enrichment opportunities (in collaboration with companies such as Hi-Impact and STEM Kids) wherever possible.