

Curriculum Area

Design Technology

Who this area of the curriculum is led by and how it is delivered.

Design and Technology at Stanley School is led by Laura Owen.

Design and Technology is delivered by class teachers throughout Key Stage 1 and Key Stage 2.

Each Key Stage follows a general topic plan which was written following guidance from the Design and Technology Association.

Through Design and Technology children are encouraged to combine their practical skills in order to allow them to plan, make and evaluate.

We use a range of different teaching and learning styles within Design and Technology with the aim of developing knowledge, skills and understanding.

Teachers encourage children to use their knowledge and understanding when developing ideas, planning, making items and evaluating them.

How this area of the Curriculum is designed

Key Stage 1 and Key Stage 2 follow a rolling programme to ensure coverage of the curriculum. These topics include an Enterprise in the Autumn term of every year. Children design, make and evaluate a range of different items which they then sell to parents and visitors to the Enterprise event in order to make a profit. Each year all children complete at least one food technology topic which includes areas such as preparing healthy food and food from other cultures.

In Key Stage 2 pupils design and make assignments using a range of materials, including electrical and mechanical components. Pupils investigate and evaluate a range of familiar products, thinking about how they work, how they are used and the views of the people who use them. The children then use this to decide how they will make their items and how they will evaluate them after.

How we ensure breadth, balance and depth

Design and Technology is differentiated suitably within every class by the class teacher. Using relevant and recent assessment data Teachers are able to tailor lessons and projects to the individual children in order to make progress. Design and Technology makes relevant links with a range of other subjects and these are encouraged to ensure deeper levels of understanding and engagement.

In Key Stage 1 Design and Technology supports the teaching of a 'semi-formal' curriculum but allowing projects to be closely linked to the topics.

The Key skills and knowledge which will be gained through this area of the curriculum.

DT is an essential part of the curriculum which allows children to be innovative and creative with their ideas.

Children are encouraged, where possible, to evaluate their work and become critical thinkers.

The Enterprise topic and event allows children to use their own ideas and create items which they can sell. The event allows children to engage with adults and children who have come to the school and sell their items to them.

Where this area of the curriculum fits in within our schools aims and culture

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