Curriculum vision statement for Design and Technology

In Design and Technology, we want everyone to have the opportunities to develop skills using a range of tools to build and create real things that could then be developed in their future lives. When knowledge is taught it links to other curriculum areas including science and history. At Brington school we take on ambitious projects and involve members of our community in our learning experiences.

Intent

- All children will follow the progression of skills and develop their design and technology skills in the following areas…
  - Developing planning and communicating ideas
  - Working with tools, equipment, materials and components to make quality products
  - Evaluating processes and products

- All children will be able to use a range of tools, initially with support, moving towards independence. They will be able to take managed risks and be responsible for using equipment safely.

- All children will be encouraged to take part in larger whole class projects while developing their own skills individually.

Implementation

- Teachers plan the curriculum road maps together to share expertise and ideas. The road maps ensure that children's learning builds on prior learning and knowledge.

- Projects are planned that prepare children for the adult world, children use real tools and learn recipes that they can prepare and cook themselves including cooking on an open fire.

- Children are encouraged to learn from mistakes and make adaptations and improvements or suggest how they would tackle a task again.

- Children's work is assessed with live marking as they complete tasks, any child requiring further support, for example - developing fine motor skills, can access small intervention work to develop skills further.

- Projects are carried out which use other subject areas, for example buildings from different historical times. This means reading and research becomes part of the Design and technology learning process.

- Children are given opportunities to use their design and technology skills to support the local community by designing, making and promoting stalls at school events.

Impact

- The work pupils at Brington School achieve is of a high standard, products that are made have a purpose.

- Children are confident using tools and recipes and can share these with adults at home and take these skills with them into the next stages of their learning.