Settle CE Primary School

Design & Technology Policy & Guidelines

_____

Design and Technology is the process of designing, making and evaluating products fir for a purpose. It is also improving, refining and extending the use of existing products.

1. Aims

- To develop the knowledge, skills and understanding necessary to design, make and evaluate products fit for a purpose.
- To develop the practical skills to work with a wide range of materials and components.
- To develop understanding of control systems, energy and structures.
- Become aware of the impact technology and its contribution in the wider world.

2. Guidelines

- Objectives will be made clear to pupils in order to inform them of the expectations and the reasons behind the lesson.
- Specific skills will be taught in order to encourage quality and safe working practices.
- Materials, equipment and time provided will be appropriate to the task, experience and ability of the child.
- The study of existing products will act as a stimulus for ideas and designing.
- Children will acquire and apply knowledge and understanding of materials and components, mechanisms and control systems, structures, quality and health and safety.

3. Organisation

Children are taught either as individuals or in groups. Skills can be 'class taught' at the start of the lesson and then reiterated on an individual / group basis throughout the lesson. Equal opportunities are provided regardless of ability or gender. Children with special educational Needs receive support from the class teacher or teaching assistant. They undertake activities geared to their level of ability and they are encouraged to take an effective and valuable role in cooperative group work.

4. Monitoring and Evaluation

All long term and medium term planning is collected by the coordinator. Lessons will be regularly monitored and evidence is kept as photographs.

5. Assessment and Recording

Learning outcomes are structured and matched appropriately for each lesson. Assessment would be measured against the criteria set for the learning outcome which is made clear to the pupils. Assessment can then take various forms:

- Comparison with pupil's previous work
- Discrete comparison with peers
- Pupil's ability to select appropriate materials
- Pupil's organisational and collaborative skills
- Pupil's ability to respond to the visual curriculum
- Judgment of pupil's developmental skills

Comments about pupil's progress are also recorded on teacher's short term planning which informs and influences future planning.

6. ICT

ICT is used in Design and Technology for:

- Planning and design
- Research
- Desk top publishing of printed material
- We have and ICT suite available to whole class or small groups as well as at least two computers in each class. Each classroom also has an interactive whiteboard and a digital camera. The school also has a scanner and video camera. We are linked to broadband internet and have a school website available online.

Joanne Wright
(Design & Technology Coordinator)

Reviewed: September 2018

Next Review Date: September 2020