

Alfred Street Junior School

Design & Technology Policy

Alfred Street Junior School aims to promote the enjoyment of Design and Technology (DT) and encourage pupils to become autonomous and creative problem solvers, as individuals and members of a team.

Throughout Key Stage 2, pupils will be given opportunities to:

- Develop, plan and communicate ideas;
- Work with tools, equipment, materials and components to make quality products;
- Evaluate processes and products;
- Acquire and apply knowledge and understanding of materials and components;
- Draw on knowledge and understanding from other areas of the curriculum;
- Acquire and apply knowledge and understanding of safe procedures for hygiene and handling tools.

Planning

Planning is carried out within year terms, based upon the Programmes of Study and Statements of Attainment, as set out in the National Curriculum for DT.

Medium Term Plans are selected from the appropriate QCA plans for each year group, one per term from the suggested list. These outline plans are modified by class teachers as and when appropriate but from the basis of the work plan.

Short Term Planning, within the agreed format of the Weekly Planning Sheet, gives details of appropriate objectives, activities and outcomes of individual lessons.

DT lessons are now taught during a week block each term. These 'DT Weeks' take place across the Key Stage.

Additional opportunities to explore aspects of technology will be included in planning for other subject areas where appropriate, particularly in ICT.

Teaching Styles and Strategies

A range of teaching styles are necessary, depending upon the subject matter of the individual topic area. In general though, all topics will include a designing and making assignment and the emphasis will be on investigation, practical skills and evaluation of their own work.

Equal Opportunities

Teachers will plan lessons with an awareness and sensitivity to Equal Opportunities in line with the schools aim to be an inclusive community.

SMSCD and ECM

Through the DT curriculum, we aim to enhance pupils' Spiritual, Moral, Social and Cultural Development (SMSCD). The School's DT curriculum should enable pupils to make progress towards achieving the five outcomes of Every Child Matters (ECM).

Health and Safety

Tools and some materials are stored in a locked cupboard in the top cloakroom. A key is held by the DT coordinator and the office. ***Children are not allowed unsupervised access to this area for safety reasons.*** It is the responsibility of members of staff to return resources and tools to the appropriate area of the storeroom ***immediately*** after use. Children need to be given opportunities to acquire and apply knowledge and understanding of health and safety issues appropriate to each unit of study. For further information and guidance read, Make It Safe! By The National Association & Inspectors in Design and Technology located in the DT storeroom.

Resources

Requests for particular materials or notification of shortages or breakages are the responsibility of members of staff and should be passed to the coordinator promptly so that stock levels can be maintained, without incurring unnecessary wastage.

Assessment

Evaluation of children's work and progress will be made by both teacher and pupil.

Teacher Evaluation

- Watching pupils as they work;
- Listening to their ideas;
- Noting pupils level of enthusiasm;
- Observing the way in which tools and materials are used;
- Comparing outcomes with learning objectives.

Pupil Evaluation

- Discuss own work and comment on the work of peers;
- Give written or oral accounts of their view of their work and how it could be or has been adapted;
- Comparing outcome with learning objectives.

Details of pupil's progress can then be presented to the next class teacher and parents as appropriate.

L.M. Taylor
January 2012

Reviewed by John Kidney July 2014