

St James the Great RC (VA) Primary and Nursery School



Design and Technology Policy

Summer 2007

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Rationale

From St James the Great Mission Statement:

“...the school will provide a framework within which all pupils are enabled to develop the highest possible level of achievement, fulfilling their academic, moral, physical and spiritual potential.”

Aims

- Design and Technology is a practical subject providing opportunities for all children to design and make good quality products.
- To develop designing and making skills, knowledge and understanding using a range of tools, materials and components safely
- Design and Technology involves children in developing an understanding of the ways in which products have been designed in the past and present to meet the needs of people.
- At St James the Great through this subject we aim to encourage attitudes of curiosity, originality, initiative, co-operation, perseverance, open mindedness and self-evaluation.

Approach

Design and Technology has several processes

- Designing
- Investigation
- Planning and Making
- Evaluating of Product with the purpose of improving, refining and extending the use of existing products.

It involves creative application of the principles of science and maths to solve practical problems. Design and Technology can be taught as a discrete subject or through cross curricular links.

At the Foundation Stage pupils express their ideas, practise their skills and begin to verbally evaluate their experiences using Early Learning Goals (Knowledge and Understanding).

The school has adopted the QCA Scheme of Work for years one to six.

Assessment

Children's progress will be observed, assessed and monitored throughout the year: assessment will be used to inform planning. Pupil progress is tracked in keeping with the school's agreed procedure. A written report of children's achievement and progress will be made available to parents yearly.

Health and Safety

Staff at St James the Great will ensure that:

- The use of materials, tools and techniques is in accordance with Health and Safety regulations
- There is safe and appropriate storage of tools and materials
- All teaching staff recognise hazards in a range of products, activities and environments and take action to control the risks to themselves and others

The Role of the Design and Technology Subject Manager

- Support colleagues in their development of detailed work plans and the implementation of the scheme of work; also in assessment and record keeping activities.
- Take the lead in policy development and the production of schemes of work, ensuring progression and continuity throughout the school
- Take responsibility for the purchase and organisation of central resources for technology
- Keep up to date with developments in Design Technology education and disseminate information to colleagues as appropriate.
- The Subject Manager is responsible for the monitoring of teaching and learning within this subject.
- The Subject Manager is responsible for keeping a levelled portfolio of children's work.

Inclusion

All Design and Technology activities will be planned to challenge and involve all pupils appropriately, according to age and capability, ethnic diversity, gender and language background.

Review date: 2010