ENGAGE – INSPIRE - ACHIEVE

**The Christian family of St Paul's… moving forward together.
A caring, exciting and happy school where everyone
succeeds!**

Design and Technology Policy

January 2017

Introduction

- This document is a statement of aims, principles and strategies for the teaching and learning of Design and Technology at St Paul's C of E Primary School.
- This document is written in support of the Mission Statement and Aims of the School.

What is Design and Technology at St. Paul's Primary School?

At St Paul's C of E Primary School Design Technology encourages children to become creative thinkers both individually and as part of a team. It enables them to develop ideas, make products and systems and then evaluate them critically allowing them to adapt and change their products to meet their needs. It also enables the children to become confident and competent uses of tools and equipment used for particular purposes. Children are able to use their practical skills and thinking to produce creations

The aims of Design and Technology are:

- To develop imaginative thinking in children and to enable them to talk about what they like and dislike when designing and making.

- To enable children to talk about how things work, and to draw and model their

- ideas.

- To develop their capability to create high quality products through designing and making skills and through using their knowledge and understanding.

- To encourage children to select appropriate tools and techniques for making a product, whilst following safe procedures.

- Use and explore a range of materials, resources and equipment.

- To explore attitudes towards the man-made world and how we live and work within it.

- To develop an understanding of technological processes, products, and their manufacture, and their contribution to our society. (KS2)

Why Design and Technology is important:

Design and Technology allows the children to express their creativity and combine this with practical skills that help them to produce a product for a purpose.

It allows the children to think practically and allows them to problem solve throughout the making process.

It gives them the opportunity to self-evaluate their products and make any changes to enhance and perfect them.

Design and Technology in relation to the National Curriculum

Design and technology can contribute to the teaching and learning of a creative curriculum with links to the chosen theme.

Planning

Design and Technology planning is based on the National Curriculum Programmes of Study, with all activities being linked to the topics and themes which then supports the Creative Curriculum. Planning in this style allows progression and clarifies the appropriate level of activity for a group of children.

Curriculum Organisation

Design and Technology is planned by class teachers or HTLA using the Programme of Study in line with the new National Curriculum and delivered by class teacher or teaching assistant. The planning can also refer to the recent KLIPs that have been created for this subject.

Strategies for teaching Design and Technology

Design and technology is predominantly not taught as a standalone subject. Design and Technology is taught through the creative curriculum subjects. It is generally taught by the class teacher and may be covered through topic work. It may also be taught by HLTAs through PPA cover.

Equal Opportunities and Special Needs
- There will be opportunities in Design and Technology for all children to practise their skills.
- The National Curriculum Programme of Study for each key stage will be taught in ways appropriate to each and every pupils' abilities.
- There will be equal access to materials and these resources.

Homework
- Researching products that are readily available.
- Creating designs that may be made.
- Creating/designing products for a particular purpose.

The emphasis of our teaching of Design and Technology

- Children are able to build designs and ideas on first hand experiences
- Work resolves around designing and producing products with a purpose in mind.
- Wide range of materials, tools and resources can be used.
- Children are encouraged to evaluate and critically think about their designs and products.

Excellence in Design and Technology:
Design and Technology is celebrated through displays, projects and presentations.

Strategies for ensuring progress and continuity
- The curriculum is organised to ensure full coverage of skill throughout the key stages.
- Planning is a process that all teachers are involved with.
- Planning is combined into the overall topic that is being covered.
- Planning is in line with the KLIPs documents

The role of the D.T. Co-ordinator
- Take the lead in policy development and the production of schemes of work that are being used
- To keep up to date with developments in D.T
- To monitor the progress made in D.T.
- To advise and provide support in the planning of D.T.
- To purchase products and equipment need for D.T.
- To oversee the use of KLIPs in each year group

Feedback given:
- Feedback to pupils is given through marking and feedback in books or projects.
- Verbally throughout their projects.
- Through the display of their work.

Assessments and Reporting

Teachers assess work in design and technology by making observations of the children working during lessons. They record progress made against the learning objectives for that lesson. At the end of a unit of work, children undertake a review of their work that focuses upon an evaluation of the finished product and an overview of the various tasks undertaken. Teachers make an annual assessment of progress for each child, as part of the annual report to parents. Each teacher passes this information on to the next teacher at the end of each year.
The KLIPs documents cover assessment for over 2 year groups. Year1 and 2, 3 and 4, 5 and 6. Each year group is highlighted in their own individual colours.

Health and Safety

The health and safety of pupils will be supervised by the teacher present during the lesson.
Equipment and tools maybe used that require 1 to 1 supervision in which case each child must be guided and supervised correctly.
The use of tools and equipment must be modelled by the teacher to the pupils to ensure safe usage.

POLICY REVIEW

The Art Policy will be reviewed each year

This policy will be ratified by the Governing Body in January 2017

Signed by Mr W Aitkin (Chair of Governors) W. *Aitkin*   **Date 31.1.17**

This policy will be reviewed on or before the following date: January 2018