



Our Mission: To improve the communities we serve for the better

Vision:

*Challenging educational orthodoxies so that every child makes good progress in core subjects;
all teachers are committed to personal improvement and fulfil their responsibilities;
all children receive a broad and balanced curriculum;
all academies strive to be outstanding.*

Design and Technology Policy

September 2021

National Curriculum Aims

The national curriculum for design and technology aims to ensure that all pupils:

- Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- Critique, evaluate and test their ideas and products and the work of others
- Understand and apply the principles of nutrition and learn how to cook

Approach to Teaching and Learning

The approach to the teaching and learning of Design and Technology is informed by an understanding of the importance of knowledge and its application as well as the development of techniques and practical design skills. This includes knowledge of a range of materials, techniques and how different designers/ designs from a range of cultures have developed these over time. Pupils are taught using the model, something for some purpose for someone to ensure design briefs consider both the product and who will ultimately use it. Through each unit pupils will experience different aspects of the design, make evaluate cycle. It is an expectation that the practical nature of the subject is a lived experience for all pupils. As with all subjects, there will be an emphasis on scaffolding learning/ to support pupils while at the same time allowing for an increasing degree of independence in responding to challenges and design briefs

As pupils progress through our academy they will develop their knowledge of a range of materials both resistant and non-resistant. At each stage children will be encouraged to learn from existing products, designs and techniques as well as to creatively design their own products to meet a need. Continuity and progression will be ensured by a scheme of work and a system of recording. Pupils will be given opportunity to develop key concepts, skills and attitudes in Art throughout the key stages.

Key Attitudes

Curiosity and a willingness to explore (risk taking), respect and appreciation for their own endeavours and the endeavours of others; willingness to see design as a process where ideas are developed and refined; an appreciation of the environment- both man-made and natural; a developing awareness and love for design; an openness and appreciation of the designs associated with a range of cultures both from the past and as part of our global world and multicultural society.

Resources

Year Group Leaders order materials to support the objectives and activities which they have planned to deliver; this is overseen by the DT co-ordinator.

Computing and DT

DT has close links with computing and there are increasing opportunities to plan, develop, complement and present visual work using the computer and software packages.

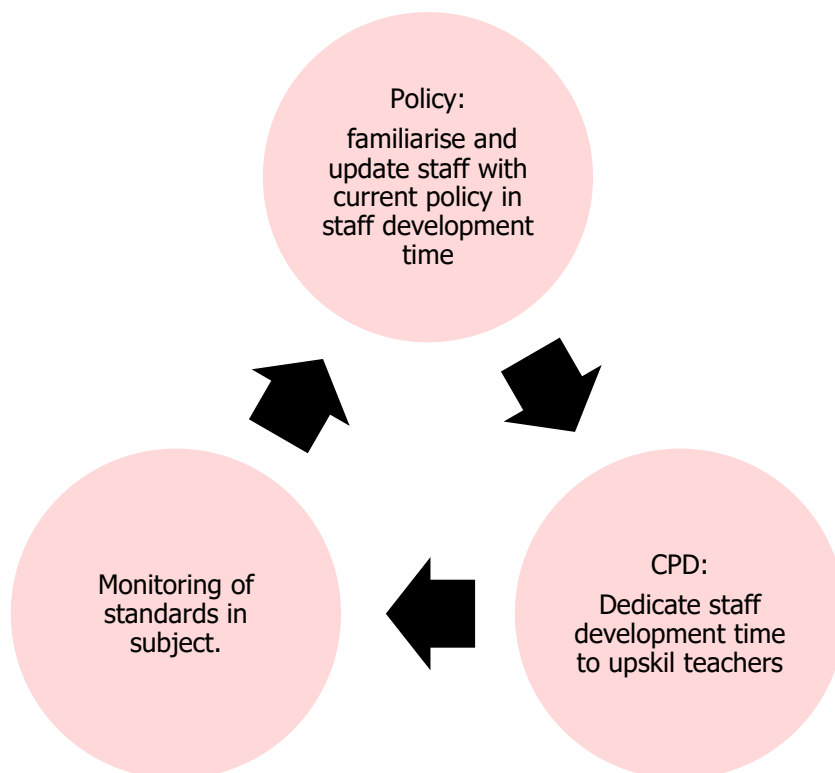
Equal Opportunities

We provide activities for all pupils in which equality of opportunity is supported irrespective of gender, SEN, race, creed and disability, taking into account the individual needs of all children. We use art from different times, places and cultures to illustrate to children the diversity of our world.

Monitoring

It is the responsibility of the Art co-ordinator to ensure the implementation of this policy, monitor standards, offer advice and support to staff, provide a model and promote excellence in children's achievements.

This will involve the following cycle:



The co-ordinator will ensure that development priorities are reflected in the Subject Action Plan. They will attend termly network meetings for DT and work collaboratively with other leaders in The Forge Trust to improve the curriculum. CPD, standards and provision in the subject.

