

**Design and Technology**

<b>Date</b>	<b>Review Date</b>	<b>Subject Leader</b>	<b>Nominated Governor</b>
<b>Nov 2018</b>	<b>Sep 2019</b>	<b>Caroline Howett</b>	

We believe at Cavendish Close Infant School that a high-quality Design and Technology education should provide all pupils with the opportunity to use creativity and imagination practically to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others needs, wants and values. Pupils will learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through evaluation they develop a understanding of its impact on daily life and the wider world.

We have a duty to ensure compliance with the revised National Curriculum and with the application of the new programmes of study and attainment targets.

**Aims**

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

**Roles and Responsibility for the Policy**

**Role of the Subject Leader**

The Subject Leader will:

- lead the development of this policy throughout the school;
- work closely with the Headteacher, the nominated governor and SENCO;
- be accountable for standards in this subject area;
- monitor standards by;
  - auditing the subject area
  - review of the scheme of work
  - monitoring teachers planning
  - lesson observations
  - scrutinising children's work
  - discussions with pupils
- ensure continuity and progression throughout the school;
- devise a subject improvement plan;
- provide guidance and support to all staff;
- provide training for all staff when the need arises;

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- attend appropriate and relevant INSET;
- keep up to date with new developments;
- undertake an annual audit and stock take of resources;
- purchase new resources when required;
- manage the subject budget effectively;
- undertake risk assessments when required;
- review and monitor;
- annually report to the Governing Body on the success and development of this policy

### **Role of Teachers**

Teachers will:

- comply with all aspects of this policy;
- work closely with the subject leader to develop this policy;
- devise medium and short term planning;
- develop mathematical fluency, numeracy and mathematical understanding in Design and Technology
- develop pupils' spoken language, reading, writing and vocabulary in Design and Technology ;
- plan and deliver good to outstanding lessons;
- plan differentiated lessons which are interactive, engaging and of a good pace;
- have high expectations for all children and will provide work that will extend them;
- assess, record and report on the development, progress and attainment of pupils;
- achieve high standards;
- celebrate the success of pupils in lessons

### **Policy Procedure**

#### **Teaching and Learning Style**

We use a variety of teaching and learning styles in order to develop children's knowledge, skills and understanding.

#### **Curriculum Planning and Organisation**

Teachers collaborate on the planning of the subject to ensure consistent provision and to share expertise. Curriculum planning is managed in three phases namely:

##### **Long Term Planning-Curriculum Overview**

- details what is to be taught over the year
- provides teaching guidelines and overall objectives for each year group for the whole year

##### **Medium Term Planning**

- organises the subject into termly or half-termly sections
- is more detailed and the objectives are more specific in nature

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- is developed by the teachers, who respond to the needs of their pupils
- ensures a balanced distribution of work is undertaken across each term

### **Short Term Planning**

- details the subject curriculum over the week
- plans lessons in detail with specific class objectives and subject specific vocabulary

### **Links with ICT**

The use of information and communication technology will promote, enhance and support the teaching of design and technology.

### **Inclusion**

We believe that we are an educationally inclusive school as we are concerned about the teaching and learning, achievements, attitudes and well-being of all our pupils.

We work hard to offer equality of opportunity and diversity to all groups of pupils within school such as children:

- from both sexes;
- who have Special Educational Needs;
- who are looked after;
- from minority faiths, ethnicities, travelers, asylum seekers, refugees;
- who are gifted and talented;
- who are at risk of disaffection;
- who are young carers;
- who are sick;
- who have behavioural, emotional and social needs;
- from families who are under stress
- whose first language is not English
- who are recognised as gifted and talented
- who come from disadvantaged backgrounds

We believe we have a duty to ensure that all children have equal rights to the opportunities offered by education and that all children will be encouraged to fulfil their potential.

We want to give all children the right to access high quality educational experiences, to take part in a broad and balanced curriculum and to be part of the social life of the school.

### **Differentiation**

We want all children to achieve success, therefore we will ensure they are given differentiated tasks that are matched to their level of attainment so that they can demonstrate successfully what they know, understand and can do.

## **Special Educational Needs**

We aim to ensure that pupils with identified special educational needs have full access to design and technology lessons. Teachers plan lessons that have no barriers to pupils achieving and set appropriate targets.

## **Assessment for Learning**

Teachers will:

- carry out continuous assessment;
- use short-term assessments matched to the teaching objectives to adjust their planning;
- carry out medium-term assessments to measure progress against key objectives to adjust planning;
- carry out long-term assessment to assess progress against school and national targets;
- use long-term assessments to help them plan for the next academic year;
- inform parents and carers of their child's progress and targets

## **Monitoring & Review of the Subject**

Monitoring of standards of children's work and the quality of teaching is the responsibility of the subject coordinator supported by the Headteacher and the SLT.

Standards will be monitored by:

- looking at pupils work
- subject observations
- pupil discussions and interviews
- scrutiny of planning
- general curriculum discussions

## **Contribution of the Subject to other Areas of the Curriculum**

Design and technology can be linked to most curriculum subjects and cross curricular planning is encouraged where appropriate.

## **Resources**

The school has a full range of resources to support the teaching of art and design throughout all year groups. Resources are upgraded and replenished when the need arises. An annual stock take and audit is undertaken by the subject coordinator.

## **Monitoring the Effectiveness of the Policy**

The practical application of this policy will be reviewed annually or when the need arises by the coordinator, the Headteacher and the nominated governor.

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A statement of the policy's effectiveness and the necessary recommendations for improvement will be presented to the Governing Body for further discussion and endorsement. (See Policy Evaluation)

**Linked Policies**

▪ Curriculum	▪ Teaching and Learning
▪ Differentiation	▪ Assessment
▪ Monitoring and Evaluation	▪ Self-Evaluation & School Improvement
▪ Special Educational Needs	▪ Gifted and Talented
▪ English as an Additional Language (EAL)	▪ Disability Non Discrimination
▪ Health and Safety	▪

<b>Headteacher:</b>		<b>Date:</b>	
<b>Chair of Governing Body:</b>		<b>Date:</b>	

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**Initial Equality Impact Assessment**

Please complete an initial equality impact assessment once this policy has been customised to suit your purposes.

Policy Title	The aim(s) of this policy	Existing policy (✓)	New/Proposed Policy (✓)	Updated Policy (✓)
			✓	

This policy affects or is likely to affect the following members of the school community (✓)	Pupils	School Personnel	Parents/carers	Governors	School Volunteers	School Visitors

Question	Equality Groups																		Conclusion							
	Age			Disability			Gender			Gender identity			Pregnancy or maternity			Race			Religion or belief			Sexual orientation			Yes	No
Does or could this policy have a negative impact on any of the following?	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Yes	No
		✓			✓			✓			✓			✓			✓			✓			✓			✓
Does or could this policy help promote equality for any of the following?	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Yes	No
	✓			✓			✓			✓			✓			✓			✓			✓				✓
Does data collected from the equality groups have a positive impact on this	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Y	N	NS	Yes	No
	✓			✓			✓			✓			✓			✓			✓			✓				✓

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policy?																				
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<b>Conclusion</b>	We have come to the conclusion that after undertaking an initial equality impact assessment that a full assessment
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<b>Preliminary EIA completed by</b>	<b>Date</b>	<b>Preliminary EIA approved by</b>	<b>D</b>

<b>Policy Evaluation</b>
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Points to be considered	Yes	No	N/A	Please supply
• Policy annually reviewed				
• Policy in line with current legislation				
• Coordinator in place				
• Nominated governor in place				
• Coordinator carries out role effectively				
• Headteacher, coordinator and nominated governor work closely				
• Policy endorsed by governing body				
• Policy regularly discussed at meetings of the governing body				
• School personnel aware of this policy				
• School personnel comply with this policy				
• Pupils aware of this policy				
• Parents aware of this policy				
• Visitors aware of this policy				
• Local community aware of this policy				
• Funding in place				
• Policy complies with the Equality Act				
• Equality Impact Assessment undertaken				
• Policy referred to the School Handbook				
• Policy available from the school office				
• Policy available from the school website				
• School Council involved with policy development				
• All stakeholders take part in questionnaires and surveys				
• All associated training in place				
• All outlined procedures complied with				
• Linked policies in place and up to date				
• Associated policies in place and up to date				

<b>A statement outlining the overall effectiveness of this policy</b>

<b>Policy Approval Form</b>
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<b>Policy Title:</b>		<b>Date when written</b>
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<b>Policy written by:</b>					<b>New Policy</b> (✓ or x)	<input type="checkbox"/>	<b>R</b> <b>P</b> (✓ or x)
<b>Stakeholders consulted in policy production:</b> (✓ or x)	<b>Governors</b>	<b>Senior Leadership Team</b>	<b>Teaching Personnel</b>	<b>Support Personnel</b>	<b>Administrative Personnel</b>	<b>Parents</b>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Date when approved by Governors:</b>			<b>Date when presented to stakeholders:</b>			<b>Date when implemented:</b>	
<b>Published on:</b> (✓ or x)	<b>School Website</b>			<b>School Prospectus</b>			<b>S</b>
	<input type="checkbox"/>			<input type="checkbox"/>			



**Policy Change History Sheet**

Policy title: Design and Technology		
Review Date	Section	Summary of change
Oct 17		

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