

Goldington Green Academy



Design Technology Policy

Safeguarding

Goldington Green Academy recognises it has a statutory duty under Section 175 of the Education Act 2002 to ensure arrangements are in place for safeguarding and promoting the welfare of children.

We recognise that children who are abused or witness violence may find it difficult to develop a sense of self-worth and that school may be the only stable, secure and predictable element in the lives of children at risk. Our school will endeavour to support these pupils by providing an ethos which promotes a positive, supportive and secure environment, providing a sense of being valued. All staff, governors and volunteers must be made aware of, and adhere to the safeguarding policy and procedures within the school.

At Goldington Green we recognise our legal and ethical duty to keep pupils safe from radicalisation and extremism. As such we incorporate the principles of the PREVENT agenda into all practice including the curriculum. Additionally, we ensure that all speakers are carefully vetted by senior staff and that all material available in school, both electronic and otherwise, is suitable. We also ensure that sufficient training is in place so that all staff understand what radicalisation means and why people may be vulnerable to being drawn into terrorism as a consequence of it. Staff know what measures are available to prevent people from becoming drawn into terrorism and how to challenge the extremist ideology that can be associated with it. Any concerns are dealt with in line with our safeguarding policy working in conjunction with Bedfordshire Police and other agencies as appropriate.

Equal Opportunities

The Equality Act 2010 makes it unlawful for staff to discriminate directly or indirectly, or to harass staff or pupils due to any of the nine protected characteristics.

Goldington Green Academy aims to create a culture that respects and values each other's differences, that promotes dignity, equality and diversity, and that encourages individuals to develop and maximise their true potential.

Everyone within the school community has a responsibility to ensure that this statement is adhered to. Senior Leaders in particular, should lead by example, identify any inappropriate behaviour when it happens and take prompt action to deal with inappropriate behaviour.

We aim to remove any barriers, bias or discrimination that prevents individuals or groups from realising their potential and contributing fully to our school's performance. In removing these barriers, we aim to develop a school culture that positively values diversity.

We are committed wherever practicable, to achieving and maintaining a workforce that broadly reflects the local community in which we operate.

Every possible step will be taken to ensure that individuals are treated fairly in all aspects of their employment, engagement or whilst volunteering at our school.

Intent

Design and technology will prepare pupils to participate in tomorrow's rapidly changing technologies. They learn to think and intervene creatively to improve quality of life. The subject calls for pupils to become autonomous and creative problem solvers, as individuals and members of a team. They must look for needs, wants and opportunities and respond to them by developing a range of ideas and making products and systems. They combine practical skills with an understanding of aesthetics, social and environmental issues, function and industrial practices. As they do so, they



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reflect on and evaluate present and past design and technology, its uses and effects. Through design and technology, all pupils can become discriminating and informed users of products, and become innovators.

'Pupils should be taught to develop their design and technology capability through combining their designing and making skills with knowledge and understanding, in order to design and make products'

We will provide a curriculum that will enable pupils to:

- Have a broad, balanced Design and Technology curriculum in line with National Curriculum 2014.
- 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 of others.
- Understand and apply the principles of nutrition and learn to cook.

Implementation

Staff will plan, deliver and assess DT covering the 2014 NC programme of study. DT sessions will be planned to link in and be pertinent to the particular topic of that term. The Design and Technology Subject Leaders, in consultation with year group teams, are responsible for monitoring planning, assisting in detailed planning and providing relevant expertise and CPD for non-specialist teachers.

The day-to-day responsibility for design and technology is with the class teacher who must ensure that it is given the appropriate time on timetables to meet with the statutory orders. This is currently: **Early Years** (no statutory requirement). Daily provision of indoor and outdoor independent and supported activities which covers art and design. One hour 15 minutes per week for DT (or Art and Design, depending on the curriculum topic) for both KS1 & KS2

There are design and technology materials available in the DT trolley and the consumable cupboard and all the cooking equipment kept in Ash Class. The key for the cooking equipment cupboard in Ash Class is kept with the business manager. The teacher using Ash class are responsible for the washing up of the consumables and returning to the cooking cupboard. Dishwashers are available to be used to thoroughly clean the consumables. Fridges are available to be used to store fresh produce for the lesson.

The DT leaders have the overall management responsibility of DT resources, excluding consumables. The school is committed to making use of the school environment as a resource for learning. Children's books on design technology are available in the school library.

Equipment for Resistant Materials is kept in a secure unit with Miss Davage and is loaned/signed out on request to staff in advance of their D&T lesson.

The equipment within this secure unit includes tools and resources with blades and hot glue amongst other higher risk equipment.

Through the teaching and learning in DT, children will be taught the following principles of healthy eating:

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- To further develop and maintain an ethos within school in which a healthy choice is the easy choice.
- To provide cross-curricular education that enables pupils to make an informed choice.
- The subject lead and the business manager will liaise with the catering company on ensuring that the children are provided with healthy eating options during snack times and lunch times.
- Parents will be informed of healthy eating ideas for pack lunches. They will be provided with this information at the start of each school academic year by the DT lead.
- Early Years will have a snack time during the morning where they will be given a healthy snack and talk about healthy options.
- Key Stage 1 will be provided with free daily snacks which the class teacher will distribute on a daily basis.
- Year 3 and Year 4 children will be encouraged to bring into school a daily fruit or vegetable snack, no other snack will be permitted.
- Year 5 and Year 6 will be able to bring a fruit or vegetable snack to school or purchase a snack from the school catering company at first break..
- Small berries/fruit such as grapes, are to be cut into bite sized pieces at home before being brought into school.
- All children are to have a drink bottle every day at school. They are able to fill their drink bottle from the water fountains positioned around the school.
- Parents will be able to buy milk in Key Stage 2 and this will be provided free of charge to all children in Key Stage 1 on a daily basis.
- To encourage fluid intake with an easily accessible water supply throughout the day.
- To consider and accommodate dietary requirements.
- To ensure high standards of hygiene amongst the children.

Impact

All pupils will explore and develop ideas, will evaluate and improve work

They will have the opportunity to progress in key skills and understanding of concepts, which will enable them to enjoy and become involved with the arts in the future. Pupils will have the opportunity to develop skills and collaborative skills whilst engaged in meaningful first hand activities, including their own interests and out of hours activities.

The DT subject leader will ensure continuity, progression and the consistent implementation of the DT Policy, by monitoring lessons, learning walks, pupil conferencing and planning scrutinies following the monitoring and evaluating timeline. They will be responsible for the purchasing of equipment (excluding fresh cooking needs) and up-to-date resources and will provide colleagues with support and in-house training.

Health and Safety

All DT equipment will be safety checked annually. Any damaged equipment or faults discovered will be reported immediately by staff. Children will be expected to use the equipment safely and sensibly with clear direction and instruction e.g. not touching the plugs and switches , how to handle knives. Supervision of the children during these lessons is the responsibility of the class teacher. Safe and sensible use of equipment and information will be adopted and the children will be encouraged to take care of resources.

Reviewed date:

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December 2023

Next review date:

December 2027

Date:

December 2023

Staff responsible:

Miss Davage and Miss Theobolds
Design and Technology Coordinators