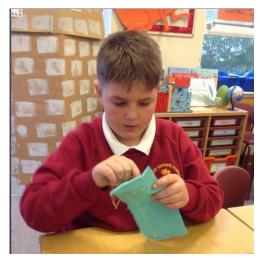# Design and Technology Cultural Capital

Cultural capital is the accumulation of knowledge, behaviour and skills that a student can draw upon and which demonstrates their cultural awareness, knowledge and competence. It is one of the key ingredients a student will draw upon to be successful in society, at secondary school and further education and eventually their career and the world of work.

At Clee Hill Community Academy, we provide engaging D&T lessons for every child in which we provide various experiences to develop their skills and prepare them for the real world. Design and Technology lessons help to build cultural capital through exposure to life-skills such as innovation and entrepreneurship. Our curriculum enables and nurtures a love of design and technology, helping children to develop the skills required for their future working life.

Whole School

LEGO CLUB – Lego Club provides opportunities for the children to be very creative in their design and building. Sometimes the pupils are given a design brief to work from and other times they are given the freedom to design a product of their choice.

MODELLING CLUB – At modelling club, the children create models from lots of different materials and experiment with different fastening and decorations. The design brief may be links to seasonal occasions or child-led.

SMSC & BRITISH VALUES

SMSC	
Spiritual	Spiritual development is of a very high importance in Design & Technology. The process of creative thinking and innovation inspires students to bring out undiscovered talents, which in turn breeds a self-confidence and belief in their abilities. It also challenges and appeals to the creative instincts that have driven humanity to discover, adapt and overcome.
Moral	In Design & Technology we seek to develop a sense of 'moral conscience' in our students, through focusing upon the moral dilemmas raised in designing and making new products. We teach students to understand the wider impacts on the environment when designing and making new products and expect them to consider carefully the materials & components they will use when designing and making. We encourage sustainable thinking through the active application of the '3 R's' and to highlight the impact on environmentally sensitive areas of the world.
Social	Social development is a key feature of all Design & Technology lessons. We teach the concept of self-regulation to ensure that students accept responsibility for their behaviour and the safety of others. We encourage students to give each other reminders when standards fall short of the collective expectation. This establishes and maintains a safe, secure, learning environment. We place an emphasis on developing the ability to work with other and to accept each other's unique personality. We encourage effective conversations about the work we do through self & peer evaluation, and to give and accept constructive criticism as a vehicle to improve students learning outcomes.
Cultural	We develop wider cultural awareness in Design & Technology through projects that have a connection with our past heritage and how our industrial routes have shaped our nation. We seek to expand student's knowledge of other cultures influences on design and manufacture including an increasing awareness of the influences digital manufacturing developments from other countries is having on the designing and making of products that we use.

British Values in Computing	
Democracy	During Design Technology children are encouraged to take the views and opinions of others into account but still have the right to make their own choices. Lessons also encourage children to take turns when speaking and when working practically with others. Opportunities are presented for pupils to understand that it is not always possible or right to have their own way and understand the value of compromise.
Laws and Rules	In Design Technology children develop an understanding of the importance of safety rules when using tools and accept that if these rules are not followed that there are consequences.
Individual Liberty	Children are given the freedom to express themselves through design and the creation of a wide variety of products in Design Technology. They are also encouraged to evaluate both products from a range of times and cultures and their own and each other's. Children also learn to accept that the ideas of others may not be the same as their own but are equally valid
Mutual respect	During DT lessons pupils are expected to listen to and consider the ideas and opinions of others even if they differ from their own. They are also expected to be able to

	take turns during discussions, resolve difficulties or make decisions, for example, when choosing materials for making a product
Tolerance	Through Design Technology the children learn to appreciate the ideas of others that are different to their own and that many great design ideas originate from other cultures.