

Curriculum vision statements

Science

At Mellers Primary School, we believe in giving children a science curriculum which enables them to explore and discover confidently, so that they have a deeper understanding of the world around us. To achieve this, our curriculum aims to use exciting, practical, hands on experiences which encourage curiosity and questioning whilst also providing pupils with a progression of scientific understanding. We are keen to involve parents and the community in this aim and vision, so that children can take these experiences home with them and become independent learners.

Our aim is that these experiences will help children to:

- Secure and extend their scientific knowledge and vocabulary
- Ignite their curiosity
- Develop transferable skills such as observation, communication and teamwork
- Be equipped to make informed decisions about new technologies, their health and the scientific opportunities around them.

We believe that these opportunities will ensure that our children are confident, life-long learners who will explore the world around them.

History

We believe that having deep understanding of the past is essential in enabling our pupils to develop a sense of their role as responsible citizens today and in their future lives. We aim to develop a passion for history to inspire our children to:

- Understand consequence in order to make responsible choices and decisions
- Empathise with others from different perspectives
- Be proud of individuality and stand up for what is right
- Treat one another equally
- Develop curiosity to inspire further reading and research

We want our pupils to develop a lifelong love of history that will shape their future lives by providing knowledge that will help make connections with others, encourage them to explore new places and to help shape career paths

Music

Music is a unique way of communicating and has the power to inspire and motivate. We believe that every child should have the opportunity to experience high quality music provision, including every child learning to play a brass instrument.

We acknowledge the link between music and aspiration and hope that our pupils will access music for social, emotional and personal enjoyment or even take a future career as a conductor! We want children to be able to express themselves using music in a variety of different ways; it also helps us with counting and rhythm and has positive impact on mental health. The teaching of music at Mellers will contribute to the development of the individual child and provide opportunities to impact upon the wider community.

Art

At Mellers, we believe that art and design not only encourage children's creativity and imagination, but also teach them to express themselves in different ways. Art and design are a gateway for children to begin to think critically and evaluate different mediums, to recreate pieces that they have seen and also create their own work using different inspirations. Our art and design curriculum strives to equip pupils with the knowledge and skills to experiment, invent and create their own works of art, craft and design. Art at Mellers aims to help pupils:

- produce creative work, exploring their ideas and recording their experiences
- become proficient in drawing, painting, sculpture and other art, craft and design techniques
- understand the cultural and historical significance of different artwork, artists and styles

We want our pupils to embrace creativity and be allowed to explore their own imaginations. Our aim is to provide them with the tools, skills and confidence to be able to create.

DT

Design and Technology is an inspiring, technical and practical subject. We believe every child has a talent and an area they can thrive in. Design and Technology is an area where everyone can accomplish something that they are proud of. We aim for pupils to use their own ideas to design, plan and make items and evaluate their finished project.

We aim to develop our pupil's technical skills in DT by:

- Developing imaginative thinking and enabling them to talk about what they like and dislike when designing and making
- Enabling children to talk about how things work and to draw and model their ideas
- Encouraging children to choose appropriate tools and techniques for making a product, whilst following safe procedures
- Developing an understanding of technological processes, products and how they are manufactured
- Encouraging children to lead a healthy lifestyle and gain confidence to use and follow recipes
- Allowing the children to explore and undertake in a range of activities in Design and Technology, we will be giving them valuable skills they can use and apply in the wider world.

Geography

Our intent at Mellers is to offer a rich geography curriculum that allows children to:

- Develop a sense of curiosity and passion to find out about the world around them.
- Experience and appreciate their local area.
- Be proud of their heritage and to value other cultures.
- Gain a deeper understanding of different parts of the world that they may not have experienced.
- Become responsible citizens, understanding the importance of sustainability, being eco-friendly and aware of factors that are impacting our environment.

- Become educated and up to date with current issues around the world with regards to geography.

PSHE

At Mellers we want to ensure that our personal, social and health education (PSHE) programme promotes children's personal, social and economic development, as well as their health and wellbeing. We want to help give children the knowledge, skills and understanding they need to lead confident, healthy, independent lives and to become informed, active, responsible citizens. Children's wellbeing, happiness and safety are our first priority, and PSHE is the key vehicle through which we share this with children. We regard PSHE as an important, integral component of the whole curriculum; it is central to our approach and at the core of our ethos.

Computing

We need to keep the children up to date with technology to prepare them for secondary school and beyond. In order to adequately prepare our children for their future, the use of technology in the classroom is vital. They will be using these devices throughout secondary, college and their future careers, which are becoming more tech-based every day. At Mellers, computing is used to support and enhance learning across all areas of the curriculum. The National Curriculum defines three clear aspects of computing curriculum: Computer Science, Information Technology and Digital Literacy. Children at Mellers are given the opportunity to develop their knowledge and understanding in each area from the Foundation Stage to Year 6.

Our children's wellbeing, happiness and safety is of utmost importance here at Mellers, and our pupil's safety while they are online is of no exception. We believe that it is crucial to teach pupils how to use the internet safely, both at school and at home. We will ensure that children:

- are aware of the possible risks when using the internet
- understand the necessary precautions to take to stay safe
- know where to seek help.

We strive to deliver a curriculum and education that instils and equips our children to be responsible online citizens who can make informed decisions. We will also empower parents, carers and the wider community with up to date information regarding keeping children safe online.