



Biscovey Nursery and Infants' Academy

Teaching and Learning Principles

Subject: Design Technology

'With strong roots we learn and grow together'

School Vision:

At Biscovey Nursery and Infants' Academy we aim to ensure that all children can develop the skills they need to become happy and confident learners who, with guidance and support, can reach their full potential.

Our curriculum ensures that we deliver a range of topics across the age phases which develops sequential learning where pupils know more and can do more, ensuring that they are ready for their next stage in education.

Our nurturing ethos endeavours to support all children and their families. Through this approach we are able to work together to ensure that we meet the needs of all learners in our school.

We pride ourselves on delivering beyond the academic curriculum, developing a child's individual character. Our core values run through all areas of school life and learning which allows the whole child to develop into a confident and caring young individual. The Biscovey child shows respect, and through self-belief and courage approaches learning with an inquisitive mind.

'With strong roots we learn and grow together'

Subject Intent:

At Biscovey Nursery and Infants' Academy we define curriculum as the totality of a child's experience. This includes not only what activities and learning they are immersed in but also the processes involved in how the child learns.

Our aim is to ensure children engage with and enjoy their design technology lessons. We endeavour for children to enjoy a range of activities with a high level of engagement. Themes are chosen specifically to meet the interests of children and reflect children's learning in the wider curriculum. We understand that vocabulary is vital to children's learning development and have carefully planned our curriculum in with the overarching themes to enable us to extend children's vocabulary and knowledge within a theme and extend their thinking in a more practical way.

Our aim is that the design technology curriculum is enriched in a variety of ways, making links to real world contexts; cross-curricular links; purposeful use of the environment and the local area as well as pupil and staff collaboration.

Our curriculum enables us to have high expectations of all learners, this is through the use of support, scaffolded learning and individual challenges. This ensures all pupils can fulfil their full potential and succeed in the design technology lessons. Activities can be adapted where needed to give extra support to those children who need it.

We recognise that not only is each child an individual but also each class and each member of staff have unique interests, skills and talents. Our curriculum is designed flexibly to meet the needs of these groups. We celebrate our children's design technology work through the use of displays and Tapestry which demonstrate the wide range of skills that children have obtained.

Subject Implementation:

At Biscovey Nursery and Infants' Academy children will be taught skills and knowledge that underpins new skills, through overarching themes to ensure lessons are engaging and enriching. The design and technology curriculum content has been grouped into topics to ensure that children are able to learn, embed, apply and revisit skills. Children will follow a clear structure to their lessons, they will plan, make and evaluate their creations. They will think about how they could adapt their piece to improve it and think about what has worked well.

The design and technology curriculum is clearly sequenced and planning is layered to ensure pupils can make progress and master skills over time, building on prior knowledge. Planning of design technology is progressive to ensure that children learn to use and apply a wide range of skills and techniques. The mapping of DT across the curriculum is reviewed to ensure effectiveness. Which will ensure all children, including those with SEND, are able to access and thrive in their design technology lessons.

Subject Impact:

We aim for every child to be able to:

- Express their own ideas through their design and technology work.
- Become independent learners, mastering and applying taught skills.
- Be confident in selecting materials, tools and techniques and know how to use them effectively.
- Design, plan and evaluate their work, thinking critically and developing their skills.
- Challenge themselves and will be reflective upon their own work and will communicate this effectively.