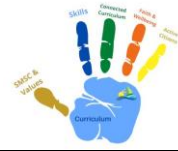




Why Design Technology?



Connected Curriculum

A message from Mrs Buckley , our Design and Technology lead:

We are invested at Darlinghurst in enriching children's learning experience at school and have designated Design and Technology lessons taught by myself. I have a great desire to nurture and enhance creative ability as well as encourage hidden abilities within the subject area, and have a classroom dedicated to these lessons, where as well guided lessons being taught work is displayed and celebrated.

Design and Purpose

Design and Technology is about providing opportunity for children to use creativity and imagination to design and make products that solve real and relevant problems, considering their own and others' needs.

Within our school we have many creative children from nursery to year 6 who all have the chance to engage in DT based sessions. The children have a love of this creative expression at Darlinghurst and we aim to teach and enhance the skills they need to create, enquire and explore. All DT is linked to the Edison curriculum and their topic work, which further embeds their learning in class.

DT lessons also occur as part of Outdoor Learning and Connected Curriculum lessons, making links to Science, Art and Learning and Life Skills.

At Darlinghurst we are inquisitive and active learners who ask lots of challenging questions about how things work and the world around us. As part of our curriculum design, we ensure learning in is holistic and authentic.

Difference

Our children learn to be successful learners through questioning and testing ideas. Our children are equipped to be confident individuals through critical thinking and team players as a result of learning with others.

At Darlinghurst, we know our children need the knowledge and the skills to succeed. It is a continuing process to encourage learning through experiences to best ensure that our children are prepared for the complex world they will be living in when they leave school. We offer our children a wide variety of experiences in Design Technology to help prepare them for real-life situations in the future, whereby they can develop their problem solving skills and design and invent new ideas.

'Achieving Excellence Together'

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Design and Technology Reflections

Autumn

Design and Technology happened across the curriculum in different ways. Year 1 designed and build their own games using sticks in their outdoor learning lessons. Year 2 designed and made Tudor houses using cereal boxes. Year 3 learnt about electricity and enjoyed practical sessions making circuits. Year 4 designed their own blindfold challenge using rope around the school as part of their topic 'How do we see? How do we hear?' They also designed and made their own musical instrument looking at vibration. They did this through adapting brooms and bin lids and water cans or using bottles for shakers. Year 6 created Anderson shelters and Balista catapults as part of their outdoor learning lessons.

Spring

During remote learning, Year 6 took part in some cooking lessons including making chocolate chip cookies and pancakes. In the Spring term, we took part in the National Science Week in March where different year groups investigated and designed new ideas based upon their Edison topics. Year 1 investigated what caveman may have used for paint by trying out different materials such as soil. Year 2 explored the moon and its surface. They designed and made their own vehicles. Year 3 investigated forces by making paper helicopters and investigating their drag. Year 6 designed their own bug for the future.

Summer

In Outdoor Learning, Year 2 created and designed their own games using leaves to use for Maths lessons. Within our Edison curriculum, there were lots of opportunities for design technology across the school. Year 3 created bugs using natural resources and designed and made their own bug hotels. Year 6 enjoyed creating and designing their own science projects as the end point for their science revision unit, hosting a 'Science Fair'. They also got to cook some food in 'Hagrid's Hut' including making their own 'smores'.



Useful websites

<https://www.stem.org.uk/home-learning/>

<https://www.topmarks.co.uk/>

Design Technology Gallery

