



Design and Technology at NSNPA

Our Design and Technology curriculum at NSNPA aims to engage, inspire and challenge pupils. We encourage our pupils to be designers and use the skills taught to think critically, invent, explore ideas and express themselves. Pupils are encouraged to learn how things work, to evaluate and experiment to find effective solutions. The curriculum is designed to be transferable and to link to topics where possible to ensure real world application. As a school we want our pupils to feel inspired to use their imagination and achieve excellence.

This is how we do it here:

- We embrace a rich, broad curriculum in the form of ASUPERHERO (aspiration, sensory, unforgettable, progress, exciting, relevant, hope, emotional literacy, reading and opportunity) which is shared with pupils as an introduction and a promise to their learning.
- The curriculum objectives are derived from the National Curriculum and are informed by a progression of skills document to ensure appropriate challenge for all pupils and progression of knowledge and skills across the school.
- Lessons are sequenced to ensure progression of knowledge and skills, allowing children to build upon their learning during each subsequent school year.
- The curriculum is inclusive for all.
- Learning objectives and key vocabulary are shared with pupils during lessons and a rich design vocabulary promoted. Vocabulary from the unit is included on the lesson learning objective and promoted and shared by the adults in the room.
- Children are taught to develop knowledge and skills in areas such as embroidery, joining and cooking.
- Each unit will begin with a KWL to assess prior knowledge and inform planning.
- Children will have access to knowledge organisers for the unit in every lesson to support learning and refer to throughout lessons.
- All lessons will begin with a recap of designers and skills previously learned.
- Each lesson will include a recap question to recall learning from the previous lesson.
- Each unit will end with a 'show me what you know' task to allow children to put their knowledge and skills into practice.
- Pupils' designs and products are valued by being put on display.
- Pupils are taught how to use equipment correctly and safely in line with the school risk assessment.
- Pupils are exposed to a variety of design tools and equipment, starting with our Early Years, who provide children with continuous access to design tools and equipment to encourage their creativity and design processes.
- Pupils are encouraged to be critical and evaluate their learning not just through DT lessons, but throughout all subjects of the curriculum.

SEND Provision:



- Pupils with SEND will be supported within class to ensure they can access all learning through use of visual, concrete resources and scaffolding.
- Alternative teaching strategies and where appropriate targeted, effective and necessary intervention will be in place to provide a bespoke curriculum for pupils with SEND.
- The use of pre-teaching is an appropriate strategy that may be used particularly for key vocabulary and background knowledge and understanding.
- Alternative teaching strategies and use of targeted intervention allows for a bespoke curriculum for pupils with SEND.