

“We will provide all of our children with a **broad, relevant** and **enriched** curriculum so that they have the **character** to make a **positive** contribution to our society and are **knowledgeable, skilled and ready** for the next phase of their education.”

OUR CURRICULUM

SUBJECT INTENT FOR: Computing

Our Computing Curriculum:

Is broad, relevant and enriched:

At Willowbrook we believe that computers and technology is the future of our children’s lives. We aim to provide opportunities for our children to apply and develop their computing skills to become ‘computation thinkers’, as they must understand how to use technology safely in the digital world. Computing is used purposefully and creatively across the school; it is integrated into topic lessons because technology is increasingly becoming a large part of our lives. We ensure that children become computational thinkers and effectively use their skills to manipulate programming software to reach a desired effect. As children gain and develop their computing skills, they begin to apply these into other areas of their school life, personal life and gradually become prepared for their future workplace.

Develops character:

At Willowbrook we focus on developing the character muscle of the children. During computing children are encouraged to develop their problem solving, computational thinking, responsibility, creativity, manipulation and communication skills across the three areas of computing.

Helps children make a positive contribution:

Classroom digital leaders will provide other children with the opportunity to deepen their knowledge about internet safety. They are advocates for the programme and will teach their peers the information they have learnt through presentations and blogs. In whole class taught lessons, children are made aware of how their digital footprint can be left online and are made aware of how to make the safest choices when using the internet. Children are signposted to where and how to seek help if they feel it is needed while online.

Ensures children are knowledgeable, skilled and ready:

Teachers use a variety of software and equipment in a purposeful way to ensure children have an opportunity to gain experience that will support them to become a digitally literate. Teachers follow the skills progression document to ensure full coverage of the curriculum. Over the academic year the subject leader reviews planning and progression to make sure that children are confident and progressive learners.

Regular meetings occur with the school’s digital leaders to provide subject feedback and for us to continue to ensure that we are using the children’s interests to lead the subject.

Diversity in Computing

We aim to enhance the children’s cultural understanding of the world through offering a rich computing curriculum. Children will learn about inspiring people who have developed computing over time or used computing to enhance their lives.

SEND in computing

All children will have access to a rich computing curriculum which will be differentiated to support children’s learning. Computing opportunities are used to support and enhance children with their daily learning.