

ICT

Intent

At Roundwood School and Community Centre we have created an ICT curriculum that will instil a curiosity about the technological world around the children. We aim to ensure that our children understand the extent of technology, start building computing skills for their future and use technology to support all areas of life.

Our students are exposed to a range of topics and are able to use these skills to develop into good digital citizens, to know how to use technology safely, respectfully and responsibly.

We also want our students to be able to identify a range of ways to report concerns about content and contact.

We want them to evaluate and apply information technology clearly, accurately and coherently to create, organise, store, manipulate and retrieve digital content.

We want to give our children the confidence and knowledge to be able to communicate their ideas.

We feel that ICT is a core skill in everyday life and runs across all curriculum subjects, so we therefore aim to equip our students with all the tools to be successful and develop essential skills. We also aim to develop children's ability to be safe online and discuss their thinking using appropriate ICT vocabulary.

Implementation

Our ICT curriculum is delivered through several different engaging ways. KS3 and KS4 are following the ADAN Short Course Computing Curriculum, to give a formal structure to their learning.

Our students have access to a Chromebook to support all areas of the curriculum. Teachers follow a clear progression of skills which ensure all students are meeting their expectations and are given the opportunity to enhance their prior knowledge. The structure of the lessons contains lots of visual information.

We use assemblies and PSHE to enthuse and motivate the students to foster positive attitudes towards learning about keeping safe when using technology.

All staff are encouraged to raise questions, seek support and request further training in order to ensure everyone is confident in how and what they teach in ICT.

Good practice is always shared between staff and CPD is used to inform teaching and learning across the school.

Impact

Above all, Roundwood Schools's ICT curriculum ensures our students develop a love for the technological world around them.

Many of our children make good progress in typing, online research, communication and programming.

Our students are able to respect and tolerate others' opinions and views and identify a range of ways to report concerns about content and contact.

They gain transferable skills such as critical and logical thinking, problem solving and creativity, which they are able to apply at school, at home and in the future.

Most of our students go on to complete the ASDAN Computing Short Course. Our students will have a secure and comprehensive knowledge of technology and digital systems, which is important in an evolving society.

A few of our children excel in ICT and often want to pursue it in their future career.

Student voice:

"I really like ICT. I like using the computer and creating things on the laptop. I enjoy being able to learn new things and using my imagination." - Year 9 student