Computing at Clapgate

Vision

Pupils at Clapgate will experience high quality computing lessons that will provide them with the skills they need as they progress through life. They will realise how technology links to most areas of daily life. They will problem solve and fix bugs that get progressively trickier as they get older. Our pupils will experience a range of technology throughout their time at Clapgate and across subjects to ensure that they are not limited to using technology just in their computing lessons. The children will learn how to be safe and practical using a variety of resources.

Vocabulary

Our computing lessons will require the children to use the most appropriate language based on the topic they are covering. They will use this language confidently during the computing lesson. At the start of each planning document is a vault of vocabulary that the children will need to be taught. Teachers will be excellent models in using this vocabulary and making sure that the children use this in their group discussions and presentations.

Keep up and catch up

Through formative assessment we identify children who are at risk of developing gaps in their learning and address these within lessons.

SEND

NCCE is tailored to meet all children's needs. We understand that technology can help children access learning opportunities that they may not be able to in other aspects of their learning. At Clapgate we give the children chance to access all topics then address those who may need further support. Additional access to technology is given during the school day.

It is evident that technology is becoming a large part of our daily lives. At Clapgate, we understand that by delivering engaging and exciting lessons, this will inspire the children to become technologically minded. The teachers are well trained in delivering computing lessons and are given a wide range of resources to meet the needs of all children. Regardless of the children's academic ability, all children will feel included during our computing lessons and will be given ample opportunity to share their knowledge throughout the year.

Pupils at Clapgate know that their computing lessons are about problem solving, team work and fixing bugs. They understand that a lesson may require many steps to achieve a final outcome and that it is is important that all steps are carried out accurately to meet the objective. A computing lesson will :

- be engaging and always include a form of technology.

- be challenging and enjoyable.

- be inclusive of all abilities.

- be full of rich technological language that the children will use throughout school

- be responsive to the needs of each pupil.

Assessment

Alongside daily formative assessment (roving the room, TA feedback, listening to and questioning pupils, evaluating lesson outcomes) we ask teachers to keep an overall view of how each child has done for each topic. There is an online assessment tool available to teachers and teachers can also use their own documents to record assessments. Assessment supports teachers to identify pupils who need further help. Children are asked to save every piece of work they have done in their computing lessons. Teachers then use this at the end of each term to gain an oversight into the children's computing knowledge.