Computing Intent, Implementation & Impact 2022-2023

INTENT:

At Trannack Primary School we want our pupils to be MASTERS of technology and not slaves to it. We want to model and educate our pupils on how to use technology positively, responsibly and safely. We want our pupils to be creators not consumers and our broad curriculum encompassing computer science, information technology and digital literacy reflects this. We want our pupils to understand that there is always a choice with using technology and as a school we utilise technology to model positive use. Building our knowledge in this subject will allow pupils to effectively demonstrate their learning through creative use of technology. We recognise that technology can allow pupils to share their learning in creative ways. We also understand the accessibility opportunities technology can provide for our pupils. Our knowledge rich curriculum has to be balanced with the opportunity for pupils to apply their knowledge creatively, which will in turn help our pupils become skilful computer scientists. We aim to embed computing across the whole curriculum to make learning creative and accessible. We want our pupils to be fluent with a range of tools to best express their understanding and hope by Upper Key Stage 2, children have the independence and confidence to choose the best tool to fulfil the task and challenge set by teachers.

IMPLEMENTATION:

o In order to successfully deliver an interesting, engaging, practical and knowledge rich Computing programme, we follow the Knowsley City Learning Centres scheme of work. Children will usually receive one computing lesson per week and therefore complete six dedicated Computing units per academic year (plus an additional one for Digital Citizenship & Technology, with a strong focus on e-safety).

o We will also ensure that we allow time for the application of Digital Literacy skills in other areas of the curriculum as we provide opportunities to use technology to support their learning in English, Maths, and all the other areas of the school curriculum. It is important to recognise however that some aspects of traditional ICT are still required to be taught discretely and should not be forgotten.

o Children will have access to appropriate technology for each lesson if/when required, with teachers making use of digital work sharing and feedback. They will also have the opportunity to choose which device, app or program is most useful to support their learning.

o Staff will receive appropriate and relevant CPD and support when it is needed to ensure Computing lessons are of a consistently high quality.

IMPACT:

Children at Trannack will:

• Discuss, reflect and appreciate the impact computing has on their learning, development and well-being; understand the significant role technology plays in today's world; it's potential to improve our lives but also the possible negative impact it can have, especially on people's mental health.

• Understand the need for finding the right balance with their use of technology, both at school and at home and one they can continue to build on in their next stage of education and beyond.

• Have a depth of understanding and a range of skills to use and apply a wide range of digital media, apps, programs and devices.

• Confidently showcase, share, celebrate and publish their work. We also look for evidence through reviewing pupil's knowledge and skills digitally through tools like Google Drive and Seesaw and observing learning regularly. Progress of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes.