Computing at Wrangle Primary Academy

Wrangle Curriculum Drivers
We want our children to be:

Knowledgeable – knowledge is shared with the children and prioritised in the teaching process. Knowledge is added to and built up over time. Committing facts and skills to long term memory is a key element within lessons. Children are able to link their learning of skills and knowledge across curriculum areas and back to prior learning.

Curious – Children will have opportunities to use computational thinking and creativity. They will be taught to use technology safely, respectfully and recognise acceptable/unacceptable behaviour and be encouraged to ask any questions they have.

Aspirational – Computing also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world. Children will also be shown important figures who have had a significant impact in the digital world we live in today such as Sir Tim Berners Lee, Mark Zuckerberg.

Resilient – Children will have opportunities to use logical reasoning to debug and correct algorithms. They will write their own computer programs and they will be encouraged to persevere if something doesn't work first time.

Excited – Children will become computer scientists and digital literate. They will explore how digital systems work. They will have practical experiences.

Sequencing of Content

At Wrangle, we follow the Teach Computing programme for our Computing learning.
This ensures that pre-requisite knowledge is considered and linked to new learning.
A range of key concepts are taught across phases, giving opportunity to deepen understanding throughout.

NC Links

To understand and apply the concepts of computer science
analyse problems in computational terms
, practical experience of writing computer programs
can evaluate analytically to solve problems
are responsible, competent, confident and creative users of information and communication technology

Subject Intent

Computing will prepare you for the future. Technology keeps changing and many jobs require you to understand how it works. You will gain the ability and understanding on how to connect with others safely and respectfully. You will become competent in coding, collecting organising and manipulating data on a range of devices.

Assessment/Retrieval Practice

Children take part in regular mini-quizzes and retrieval activities to strengthen their memory.

Skills are repeated during each session.

Remembering information and knowledge is celebrated and is part of the Wrangle culture.