



Preston & Wingham Primary Schools Federation



**Learning together, we grow kind hearts
and healthy minds.**

Statement of Intent for Computing

Intent

Why do we teach this?

Our computing curriculum allows for all children to access purposeful learning opportunities where the children's self-esteem and aspirations are nurtured and their achievements celebrated. Children use technology and develop their knowledge to be able to create, manage, organise and collaborate safely and responsibly online.

Implementation

What do we teach and how?

At Preston and Wingham we follow Kapow which is a progressively planned programme that provides children with the skills and knowledge needed to be digitally competent in today's society. The Kapow scheme of work ensures the three main strands of the computing curriculum run throughout all year groups and key stages. Teaching and learning facilitates progression across all key stages within the strands of digital literacy, information technology and computer science. The curriculum overview shows which units cover each of the National curriculum attainment targets as well as each of the three strands.

Kapow is organised into five key areas, creating a cyclical route through which pupils can develop their computing knowledge and skills by revisiting and building on previous learning:

- Computer systems and networks
- Programming
- Creating media
- Data handling
- Online safety

Lessons incorporate a range of teaching strategies from independent tasks, paired and group work as well as unplugged and digital activities. This variety means that lessons are engaging and appeal to those with a variety of learning styles.

Impact

What will this look like?

Children develop their skills in order to become critical thinkers and be able to understand how to make informed and appropriate digital choices in the future. They understand the importance computing will have going forward in both their educational and working life and in their social and personal futures. The children will develop an awareness of how to balance time spent on technology and time spent away from it in a healthy and appropriate manner. They will understand that technology helps to highlight their ideas, creativity, and know that different types of software and hardware can help them achieve a broad variety of artistic and practical aims. All children will be aware of online safety issues and protocols and be able to deal with any problems in a responsible and appropriate manner.

Respect Inclusive Creative Hardworking