



Computing at Wyke Regis Primary Federation

Intent Statement

We aim beyond the requirements of the National Curriculum for Computing; providing a broad, balanced and differentiated curriculum; ensuring a progressive development of computing concepts, knowledge, skills and vocabulary.

Our computing curriculum follows the National Centre for Computing Education - Teach Computing concepts which aim to broaden our children's experiences of technology in school, the outside world and also develop our learning through to future employment. Underpinning all this is an insistence on ensuring our learners have a good understanding and awareness of being safe and responsible users of the internet and relevant technologies.

Through our Federation curriculum drivers, computing will develop the children's **creativity** through the learning themes of photography, programming, data handling and making music., build **resilience** by learning to problem solve and de-bug, and raise their **aspirations** by allowing them to explore and experience computing through a wide range of programs and real life applications. Our intention is that Computing also supports children's cross curricular learning to engage children and enrich their experiences in school.

Expanding our children's digital literacy skills is achieved through repeatedly revisiting and building upon the strands of learning through a range of themes during the children's time in school, thus ensuring the skills are embedded and successfully developed.

We want our learners to excel in the skills of computing and leave our Federation as confident and inquisitive individuals who are ready to explore and develop new boundaries in the world of computing.