Ludgvan School – Computing Curriculum Statement

INTENT - what we aim to achieve through our computing curriculum:

In our rural primary school in Cornwall, the intent of our Computing curriculum is to equip our pupils with the necessary knowledge and skills to thrive in an evolving digital world. We aim to inspire a love for technology and computational thinking, fostering creativity, logical reasoning, and problem-solving abilities amongst our students. Our curriculum is designed to be ambitious and coherently planned, ensuring that pupils build upon their knowledge as they progress through each key stage.

Our intent is to provide a curriculum that is broad, balanced, and engaging, incorporating key aspects such as programming, digital literacy, and online safety. By instilling a passion for Computing from an early age, we aim to prepare our pupils for future education, employment, and lifelong learning in an increasingly technology-driven society.

IMPLEMENTATION – how we deliver our computing curriculum:

Our tailored Computing provision is implemented through a carefully crafted curriculum that reflects national standards. We offer a blend of both taught lessons and opportunities for independent exploration, ensuring that pupils have a solid foundation in computational thinking and practical skills.

Our teaching staff are equipped with the expertise and resources necessary to deliver high-quality Computing education. They receive regular training to stay abreast of the latest developments in technology and pedagogy, allowing them to provide engaging and relevant lessons that cater to the diverse abilities and learning styles of our pupils.

We place a strong emphasis on hands-on learning experiences, utilising a range of devices, software, and platforms to enable pupils to apply their knowledge in real-world contexts. Cross-curricular links are also embedded within our Computing curriculum, enabling students to see the connections between technology and other subject areas.

To ensure that all pupils have equal access to our Computing curriculum, we have invested in infrastructure and resources that support digital learning, including robust internet connectivity and appropriate devices for teaching and learning.

IMPACT – How we will know how successful our computing curriculum is:

The impact of our Computing provision can be seen in the achievements and development of our pupils. Through regular evidencing, assessment and monitoring, we track the progress of each student and provide targeted support where needed to ensure that all learners reach their full potential.

Our pupils demonstrate ever-improving levels of attainment in Computing, confidently applying their knowledge and skills to solve problems, create digital content, and collaborate with others. They show a deep understanding of online safety and responsible technology use, enabling them to navigate the digital world with confidence and resilience.

Beyond academic achievement, our Computing curriculum has a broader impact on the personal and social development of our pupils. By encouraging creativity, collaboration, and critical thinking, we foster key skills that are essential for success in the 21st century.

Overall, our provision equips pupils with the tools they need to succeed in an increasingly digital society, empowering them to become responsible, innovative, and confident users of technology.