Green Wrythe Primary Computing Curriculum

Intent
Vision and Objectives: • **Purpose:** Our computing curriculum is designed to provide all pupils at Green Wrythe Primary School with the computer literacy necessary to succeed in later life. • **Aim:** We deliver an ambitious, broad scheme of learning that will positively impact the curriculum as a whole. • **End Goals:** By the end of each key stage, pupils will have a comprehensive understanding of essential skills, concepts and knowledge, preparing them for the next stage of their computing education and promoting a lifelong, positive relationship with the subject and the opportunities it provides. • **Values:** Our curriculum reflects our school's commitment to creativity and safety, aligning with British values and national policies.

Implementation - Through our **GW Drivers**, our Curriculum			
Inspires Excellence by:	**Fosters Positive Relationships** by:	Provides **'Golden Ticket'** learning by:	Promotes **Mastery** by:
Exposing children to a broad range of concepts and topics that challenge them to think and develop their experiences. Showing children what the 'best' looks like so that they aim high to reach their full potential.	Developing a sense of enjoyment and fascination in learning about and how to use technology safely. Developing analytical problem-solving skills to evaluate, test, reflect and apply. Enabling responsible, competent, confident and creative users of computing.	A curriculum that reflects the vast array of ways that computing can be used in diverse educational and professional settings. Planning a rich, engaging, and inclusive learning experience that equips our pupils with disciplinary and substantive knowledge - encouraging cross-curricular links	Embedding a deep, secure, fluent understanding of key concepts in children, that can be adapted and applied in different concepts. Centering on deepening knowledge rather than accelerating through content. Delivering the curriculum through high quality instruction that is carefully sequenced to build on prior knowledge, ensuring progression and depth of learning.
Ensures **Equitable Access and Support** by:	**Promotes Oracy** by:	Facilitates **Formative Assessment** by:	Encourages **Always Learning** by:
Embedding the fundamental skills transferable to other subjects and contexts; ensuring that computing is another tool to bypass barriers to learning. Allowing children to take creative risks with their learning and access learning.	Providing subject specific vocabulary Providing opportunities for children to discuss, debate and share ideas. Allowing children to develop their communication and articulation skills.	Integrating a variety of assessment for learning tools throughout to monitor pupil progress and understanding, provide feedback and inform teaching.	Providing a deep and contextual subject knowledge that fosters a sense of curiosity - linked to children's lives and futures. Promoting safe and purposeful use of the internet, internet services and digital technology.

	Providing opportunities for children to listen with purpose.		

Impact - Our Curriculum allows our pupils to live our **Values,** showing they are:		
Aspirational by:	**Compassionate** by:	**Resilient** by:
Inspire an interest in STEM, particularly in underrepresented groups. Setting high expectations during lessons in order for children to strive to reach their full potential. Stimulating imaginative and creative thinking, facilitating their understanding of the world and their engagement in learning .	Becoming confident and respectful digital citizens going on to lead happy and healthy digital lives. Providing opportunities to consider the lives and experiences of others.	Developing computer literacy to gain confidence when interacting with digital technology.
Responsible by:	**Inclusive** by:	**Reflective** by:
Understanding their digital footprint and the impact that it can have on others as well as how they may be perceived. Understanding digital safety and the importance of online privacy. Providing opportunities for them to learn how to use equipment safely.	Understanding that the internet can be used to make meaningful connections across the entire world.	Allowing children to evaluate their work and have the confidence to make alterations as necessary. Allowing children to take responsibility for their learning and view mistakes as learning opportunities.