SUBJECT ON A PAGE
COMPUTING

Inspiring Today's Children To Embrace Tomorrow's Challenges

VISION

Our Computing curriculum will allow children to communicate confidently and creatively using digital technology, readying them to be responsible, safe, active participants in an ever-changing digital world.

INTENT

- Reiterating our school values and reinforcing the importance of being ready, respectful and safe when online.
- Delivering a comprehensive, inclusive and progressive curriculum that works with the knowledge of the children to support them in their learning. Lessons are engaging, relevant and offer real-world application.
- To provide leaving opportunities that develop and progress through the school years as the children do. Clear progression is evident in the areas studied and the relevance to age and ability

IMPLEMENTATION

- Lessons will be structured around the four learning threads allowing children to initially grasp and later develop skills in all areas of Computing.
- Lessons will follow a variety of structures to allow children to learn online, offline and with the use of various devices and equipment.
- Additional cross-curricular opportunities will allow children to develop an understanding of how Computing and digital technology is now connected to nearly all aspects of life from music to science, art to maths.
- Lesson across key stages and throughout school will follow overarching sequences that allow progression with the topic, year group and through school.

IMPACT

- Lesson by lesson assessment offering support and challenges where necessary.
- Utilise end of topic POP tasks – creation of digital artefacts – to enable teachers to assess learning and understanding and identify any gaps.
- Adopting and adapting the pre-set assessment points on code .org.
- Talking to pupils about that online presence, their learning journey and their enjoyment and understanding of their computing lessons.

Adaptive Teaching

- Use of Oracy sessions to open conversations, remove barriers and allow sharing of ideas
- Code.org has prompts and support options for less confident learners.
- Printed step-by-step instructions when creating word/Powerpoint/Excel documents
- iPads or Chromebooks depending on topic and ability
- Use of headphones with Chromebook to help with focus
- Use of additional mouse or keyboard if mousepad/built-in keyboard causes issues.
- Visual aids and word mats for more technical lessons (e-safety/networks/input-process-output)

www.gilthillprimaryschool.co.uk/

Follow the QR code to visit the Computing page on our school website for more information.