

INTENT

- We aim to develop pupils who...

Responsible, competent and creative users of technology.

Stay safe online, protect privacy and make responsible choices.

Think computationally: sequence, debug and improve.

Create, organise, analyse and present information.

Explain learning using accurate computing vocabulary and oracy.

See computing and STEM as relevant to life, learning and future careers.

IMPLEMENTATION

- How do we achieve our aims?

Computing is taught as a progressive subject, not simply as a set of tasks. Purple Mash supports delivery, but Grace Mary's curriculum overview determines the sequence so pupils build knowledge and skills over time.

Teaching approach

Explicit teaching, clear modelling, questioning, retrieval and guided practice before independent application. TLAC-informed routines support attention, participation and checking for understanding.

Progression model

A sequenced EYFS–Year 6 curriculum develops Computer Science, Information Technology and Digital Literacy. Prior learning is revisited, strengthened and extended.

Purple Mash & devices

Purple Mash supports delivery and evidence. Laptops and iPads are chosen purposefully: laptops for typing, data and programming; iPads for touch, media and creative work.

IMPLEMENTATION

(continued)

Online safety

Online safety is taught explicitly in Autumn 1 with Privacy and Security as a key focus where appropriate. It is revisited through Safer Internet Day, Anti-Bullying Week and relevant units.

Assessment

Teachers assess what pupils know, understand and can do through questioning, retrieval, observation, oracy, live feedback, practical outcomes and Purple Mash assessment tools or end-of-unit tasks where appropriate.

Enrichment

STEM enrichment gives pupils further opportunities to apply coding, computational thinking, problem-solving and collaboration, including links to significant figures and diverse role models.

IMPACT

- How will we know we have achieved our aims?

Pupils enjoy Computing and explain why it matters.

Pupils use vocabulary to explain algorithms, data, networks and digital content.

Pupils make safe, respectful and privacy-aware choices.

Pupils create, organise, analyse and present information with suitable tools.

Pupils design, debug and improve programs independently.

Pupils recognise links to STEM, careers and diverse role models.