



Computing Curriculum Statement

Intent:

At Federation of Eileen Wade and Milton Ernest c of e Primary School we understand the immense value technology plays not only in supporting the Computing curriculum but also all subject areas.

We aim to equip children with the capability to use technology throughout their lives, give children access to a variety of high quality resources and teach pupils to become responsible, respectful and competent users of data, information and communication technology. We aim to inspire pupils by allowing them to use technology imaginatively and creatively and to equip them with the skills, strategies and knowledge that will help them to reap the benefits of the online world, whilst being able to minimise risk to themselves or others.

As a school, we have chosen the Purple Mash Computing Scheme of Work from Reception to Year 6. The scheme of work supports our teachers in delivering fun and engaging lessons which help to raise standards and allow all pupils to achieve to their full potential. We are confident that the scheme of work more than adequately meets the National curriculum for Computing. It provides immense flexibility, strong cross-curricular links. Furthermore, it provides excellent teaching and learning material and guidance for less confident teachers. Through the use of Purple Mash we believe we are able to provide an exciting, rich, relevant and challenging Computing curriculum for all pupils.

Each year group's programme of knowledge and skills is designed with a spiral approach in mind; building on previous learning (See Appendix 1 Purple Mash Learning Journey).

Online safety is a high profile at Federation of Eileen Wade and Milton Ernest c of e Primary School for all stakeholders. We ensure this profile is maintained and that pupil needs are met by providing a relevant, up-to-date online safety curriculum which is progressive from Reception to the end of Year 6. We also ensure that Online safety is embedded throughout other curriculums and in the day-to-day lives of our pupils, which we believe is essential, to ensure children know what safe practice is and how to deal with situations that make them feel uncomfortable online.

As part of our commitment to safeguarding pupils, staff and parents have 'Acceptable Use Policies' which are signed by pupils and staff, filtering and monitoring systems are in place for all our online access and our online safety policy (part of our safeguarding policy) clearly states how monitoring of online safety is undertaken and any incidents/infringements to it are dealt with.

Within the Purple Mash scheme the use of precise, technical Computing language is consistent and progressive across all year groups. The vocabulary can be seen on each of the Unit 'Knowledge Organisers' and is a key feature of teaching and learning for every unit of work

Implementation:

At Federation of Eileen Wade and Milton Ernest c of e Primary school, each class allocates a computing curriculum time. Computing lessons are broken down into weekly units, usually with two units taught per half-term. Repetition of a unit across different year groups does not mean pupils are



repeating an activity, it simply means pupils are building on established key skills whilst also embedding previous concepts.

Units are practical and engaging and allow computing lessons to be hands on. Units cover a broad range of computing components such as coding, spreadsheets, internet and email, databases, communication networks, touch typing, animation and online safety.

Teachers should ensure that ICT and computing capability is also achieved through all other subject areas and where appropriate and necessary ICT and computing should be incorporated into work for all subjects using our wide range of interactive ICT resources. This can be done through the use of Purple Mash as has an online portal of age-appropriate software, games and activities, as well as additional topic materials to support children's learning in other subject areas using alternative software.

Pupils at Federation of Eileen Wade and Milton Ernest coe Primary are encouraged to engage with ICT and technology outside of school. Each teacher and pupil at Federation of Eileen Wade and Milton Ernest coe Primary has their own unique Purple Mash login and password. Computing work can be stored and saved using pupil log in details and homework or '2do's' can also be set for pupils to access and complete tasks at home that link with their current class learning.

We recognise that computing is a specialist subject and not all teachers are computing specialists. Computing at Federation of Eileen Wade and Milton Ernest coe Primary School is sometimes taught by our HLTA whilst teaching staff have their PPA time. The Purple Mash scheme of work enables clear coverage of the computing curriculum whilst also providing support and CPD for less confident teachers to deliver lessons. All teachers have had access to 'Purple Mash' training

Impact:

Our Computing Curriculum is progressive and builds on key skills in the different computational components.

If children are keeping up with the curriculum, they are deemed to be making good or better progress.

We measure the impact of our curriculum through the following methods:

- Dedicated Computing leader time.
- Work samples looked at by the computing lead.
- Photo evidence and images of the pupils practical learning.
- A reflection on standards achieved against the planned outcomes by the termly assessment feedback forms to the subject leader.
- Learning walks
- Staff Questionnaires.

Working Together, Aiming High, Shining Brightly
Let your light shine before others – Matthew 5:16

Appendix 1:

