



Implementation of Computing Lessons



at St Charles:

What would we expect to see in a Computing lesson in our school?

- Our implementation of the computing curriculum is in line with National Curriculum requirements for KS1 and KS2 and the Foundation Stage Curriculum in England.
- Computing and safeguarding go hand in hand and internet safety inside and outside of the classroom is our utmost priority. Additional to all pupils studying an online safety unit through their computing lessons, every year we also take part in National Safer Internet Day in February as well as additional internet safety lessons and activities. Teachers are continually updated on Safeguarding procedures and both teachers and pupils are aware of the importance of online safety; pupils are always supervised when using technology and accessing the internet.
- We use and follow the Purple Mash scheme of work through Years 1-6, ensuring consistency and progression throughout the school.
- Each teacher and pupil has their own unique Purple Mash login and password. Pupils log in to purple mash using school laptops or iPads. This may be individually or in pairs according to their task.
- As part of their provision, EYFS pupils are given time to familiarise themselves with our laptops, shown how to log in to purple mash, and encouraged to explore the Early Years provision on Mini-Mash in line with their Early Learning Goals.
- The Purple Mash units are broken down into weekly 45 minute lessons, usually with two to three units taught per term. Units are practical and engaging; a variety of teaching approaches and activities are provided based on teacher judgement and pupil ability.
- Computing work is 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 or school that link with their current class learning.
- Units cover a broad range of computing components such as coding, spreadsheets, Internet and Email, Databases, Communication networks, touch typing, animation and online safety. When teaching computing, teachers can follow the children's interests to ensure their learning is engaging, broad and balanced.
- Teachers ensure that ICT and computing capability is also achieved through core and foundation subjects. Where appropriate, ICT and computing should be incorporated into work for all subjects.

An outline of a St Charles Computing Lesson:

1. Aims of lesson and success criteria are shared.
2. Key vocabulary and concepts are introduced or revised.
3. Depending on the stage in the unit, children complete a spoken or paper-based activity, followed by one or two practical computer-based activities.
4. Children analyse their progress and problem-solve any challenges they faced.
5. Success criteria and progress is reviewed as a class.

