

CURRICULUM STATEMENTS: COMPUTING

At SJS, we want our curriculum to lead to confident, independent learners who have a passion for learning and are adaptable to the needs of the world when they leave school. We want to promote positivity, happiness and self-esteem in a caring and supportive environment that meets the needs of each child.



INTENT

Throughout school all pupils receive a variety of deep learning experiences with plans focused around the Computing expectations. They offer appropriately planned challenge to all children;

Major aspects of 21st century life have been carved by changes in technology and 'computational thinking' is vital for young children.

Computing has major links with various subjects in the national curriculum and many 'digital literacy' skills are developed within.

Technology is part of everyday life at St James' providing our children with hands on experiences and learning that enables a secure development and understanding of the real world.

With a ratio of 1:1 of iPads children definitely get the chance to show that they are digital natives. Our scheme of work focuses on developing 'Computer Science', 'Information Technology' and 'digital literacy' skills throughout the plans.

Children should be resilient and learn how to use technology safely, realising that that they are in control of technology and not vice versa.

Examples to include for your subject:

- Allow children to gain an appreciation of Computing and an understanding of its importance over time. Allow Computing to be connected in webs to the wider curriculum.

IMPLEMENT

In order for Computing in school to be successful, we follow a scheme of work where progression can be seen and monitored. A visual computing coverage overview helps us to ensure we are covering all important aspects of the curriculum even if we make changes to try and better the overall learning experience.

Each child has access to an iPad which has all the required apps.

To further develop our Computing, we take groups of children out to discuss their understanding of the topics they have covered. This is a useful tool where they can share their experiences and talk about things they found fun or challenging. Using that feedback, we aim to make our learning opportunities better moving forwards.

We have specific vocabulary 'key words' throughout our topics that we desire pupils to use to show an in-depth understanding of the subject.

There are specific targets and planned outcomes which help to assess children against the aforementioned monitoring of progression. To aid teacher development, staff training and informal staff discussion is encouraged.

IMPACT

With everything in place, it is expected that children can make good progress in Computing. If they are demonstrating good subject knowledge and completing planned outcomes they will be deemed to be secure in the subject. We also measure in several other ways which help us to see the true impact the time using technology has on pupils.

- 1) Digital goals children should be able to demonstrate in all areas of school life (non-specific to computing lessons)
- 2) Class contribution / pupil discussion
- 3) Understanding of key vocab words when used in oral instructions
- 4) Learning walks

Ability to overcome problems and show technological resilience

Pupils are quickly supported with the most appropriate intervention if progress is not at the expected standard. Pupils are monitored regularly to ensure continued success and progress.