

REPORT TO MARYLAND PRIMARY SCHOOL GOVERNORS

SUBJECT: Computing

TERM: Autumn 2022

SUBJECT LEADER: Yasmine Khan

1. KEY POINTS FROM SCHOOL DEVELOPMENT PLAN (SDP)

- a) Train teachers on how to use iPads to deliver the Computing curriculum.
- b) Train teachers on how iPads can be used in other subjects to enhance learning.
- c) To train teachers on new computing curriculum map
- d) To train teachers on skills progression and lesson progression
- e) Pupils, parents/carers and staff are kept up to date on current online safety issues

2. PROGRESS AND IMPACT TO DATE

- a) 16 Ipad have been purchased for children to use in lessons. Teachers have been trained on how the different apps benefit cross-curricular learning, not just computing lessons.
- b) All teachers have been trained on the following apps:
I movie and Clips for creating short movies
Drawing and Photo for taking and editing directly on to a picture
Garage band for music and voice overs.
AR Makr - Augmented Reality - making learning come to life in the classroom
Code - breaking down coding, especially for year 2 children as this is when creating codes for a programme is introduced.
- c) All teachers have now embedded the new curriculum map
The computing curriculum is broken down into 3 strands. Digital literacy, computer science and information technology. We have then broken these strands into 5 substrands which ensures all objectives and skills that children need to learn are covered. The 5 substrands are:
 - ★ **Computing systems and networks** - Understand what a computer is, and how its constituent parts function together as a whole understand how networks can be used to retrieve and share information, and how they come with associated risks
 - ★ **Programming** - Comprehend, design, create, and evaluate algorithms. Create software to allow computers to solve problems
 - ★ **Creating media** - Select and create a range of media including text, images, sounds, and video
 - ★ **Data handling** - Gathering, recording and presenting information in a way that is helpful to others - for instance, in graphs or charts.
 - ★ **Online safety** - Understand how individuals, systems, and society as a whole interact with computer systems understand risks when using technology, and how to protect individuals and systems
- d) The computing medium term plan provides a spiral curriculum approach. Children will continue to revisit skills and concepts taught from one year group to the next whilst children develop on their skills learnt the previous year.

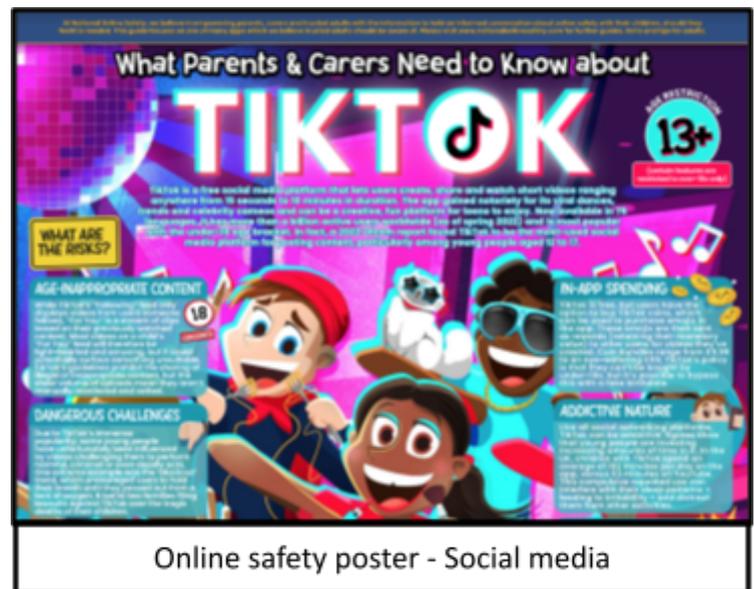
e) Online safety is embedded throughout the whole year. Online Safety assemblies are taking place termly by the computing lead, Miss Khan and shadow lead Miss Ahmed, in both key stages.

Weekly guidance for parents sent out via ParentMail. National Online Safety provides online safety guides which cover areas such as gaming, social media, online bullying, technology, online identity, streaming and mental health.

Online safety guidance reviewed and updated for parents and staff



Online safety poster - Online bullying



Online safety poster - Social media

3. LOOKING AHEAD

- a) Long term plan - Purchase new Promethean whiteboards for each classroom. To be purchased over a couple of years
£4000-£5000 each x 14 = £56000 - £70,000
- b) Provide Ipads for SEND pupils with a high level of need.
- c) DFE laptops to be put on the school server which will allow KS1 to have their own Chromebook trolley