# Computing Report 2020/21

Computing curriculum

We have continued to use the Switched On Computing curriculum to deliver our Computing lessons. This has run alongside a termly Online Safety lesson that is linked to the unit of work where possible for each year group.

EYFS

In Early Years the children have been learning how to scan QR codes to travel to different lands in their 'Magic Carpet' adventures. The children learnt how to use directions on a controller to navigate a remote control car to get the Little Red Hen from the field to the bakery. They learnt how to use the iPads to take photos of each other and used 2Simple's paint program to draw sea creatures. We also explored different sounds and made our own class piece of music using Chrome Music Lab.
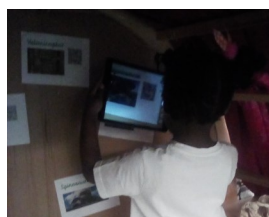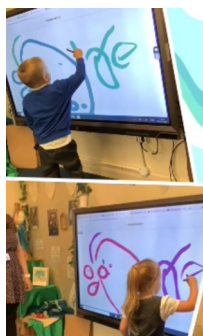
Years 1-6

Programming

The children in Years 1 –6 have once again enjoyed the Computing units for their classes. They have completed the Programming, units which involve using Scratch to program a sprite to move from one place to another, created simple animations and games and used Python to make an adventure story.
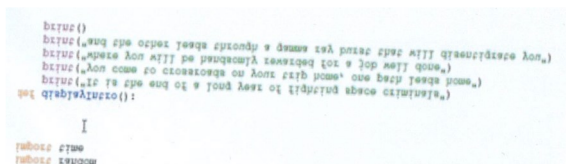
Computer Networks, Productivity and Collaboration/Communication

The children in Years 1-6 have been learning about how Computers work and how to use programs to collect , store and analyse data. They have also been using OneNote to collaborate on a given topic and produce Wiki's and Blogs.
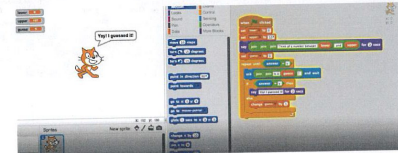
Computational Thinking Years 1-6

In Computational thinking this year the children have been learning about how games work and how to fix the bugs in programs Further up the school the children were learning about Morse code and how to make a programmable toy.
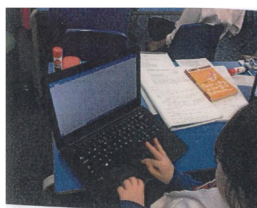

Creativity

In the Creativity units the children have been looking at illustrations in books and creating their own using a Paint program. The children also learnt how to take their own photographs and use an editing tool. The children enjoyed creating their own tessellation patterns on computer software and create their own storyboards.
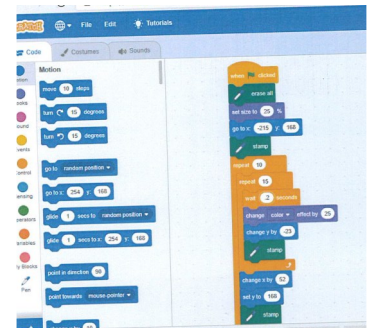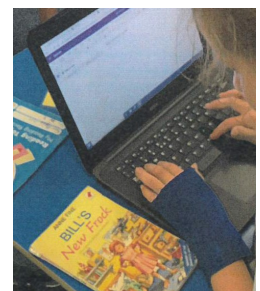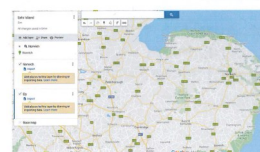

Cross Curricular Work

We have also seen Computing used in other subjects such as writing about the Easter Story in RE, editing playscripts in Literacy, writing blogs of our favourite books and creating maps of a Vikings journey.

Online Safety

We have continued to add a tip of the week to the school newsletter as useful reminders to parents. We have also used Twitter to keep parents up to date on current online safety issues by retweeting 'National Online Safety' weekly safety guides.
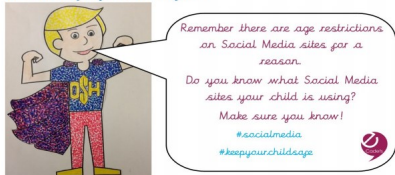
This year we launched the Safer Schools App to Staff and Parents. It is a great app that has all the relevant and up to date Online Safety issues. It also sends out Push Notifications when there is a major Online Safety incident or when there is something very important to share. It also provides a weekly video update.

eCadets

Our eCadet program has had to be run a little differently to usual this year due to the Covid restrictions but they have all still worked hard to keep their classmates safe.

They all held two eCadet drop in sessions in their class bubbles around Online Bullying and gaming. They were very helpful to their peers if anyone needed advice.

They have delivered lessons within class on Digital Wellbeing and Phishing and also attended an eCadet webinar all about Digital Footprints.

Computing/Online Safety Curriculum Report 2020-2021

Safer Internet Day

This years Safer Internet was held on 9th February 2021 and took place as part of our whole school remote learning.
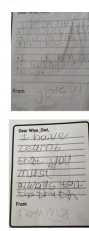
Class teachers sent work out for the children to complete and they this is what they did at home.
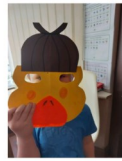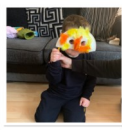
Nursery listened to the Digiduck story then created their own Digiduck masks.

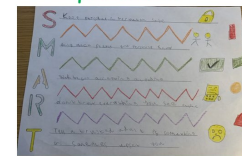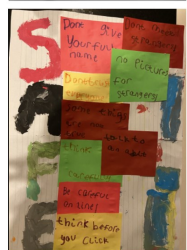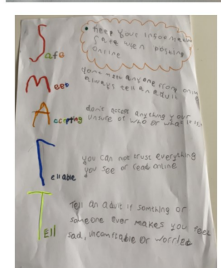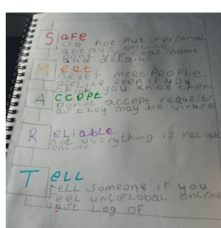Year 1 listened to the Digiduck story they answered questions on the story and made their own posters.

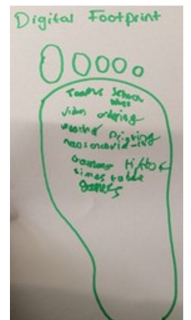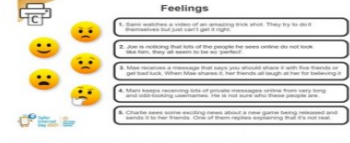Reception listened to the Digiduck story then wrote a letter to the Wise Old Owl.

Year 3 looked at what a digital footprint is and the created their own digital footprint.
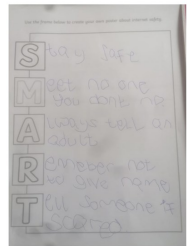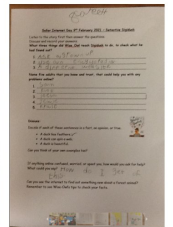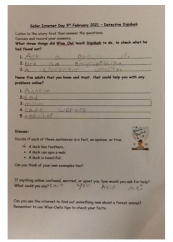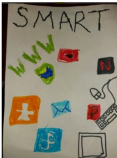
Year 2 listened to the Digiduck story then made their own SMART posters.

Year 4 looked at the importance of talking to someone if they are worried about anything online and how to deal with false information.
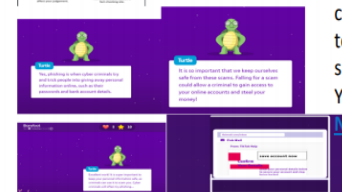
HOW TO STAY SAFE ONLINE

Many children all over the world enjoy watching Youtube. We all have favourite celebrities, music stars and gamers, who we like to watch and sometimes copy. But many of the people we watch online are not being truthful. Some online stars and online channels are being paid to sell a product. Children (and sometimes adults) are tricked into subscribing to pages, or into buying products or offers online. This can be dangerous.

Here are some tips to stay safe online.
1. Always tell a parent or carer about what you go on when online.
2. Never subscribe to a channel without getting an adults permission.
3. Never ever put your personal details (full name, address, parents bank details) online, even if it says it is free.
4. Use your brain. If it sounds to good to be true, it is!
5. Remember that not all the people you watch online are telling the truth. The life they show is not real, its fake!

Year 5 created their own Online Safety posters.

For Safer Internet Day, the children watched an assembly hosted by Barefoot Computing, around the theme of 'phishing.' The children then played on a 'phishing' game, where they applied their newly learnt knowledge and skills to determine phishing sites and spotting different ways 'phishers' try to catch you out. Brodie went one step further, and created an informative audio-PowerPoint, touching on how to spot fake news and web-sites. The link to her work is on the school YouTube channel: https://youtu.be/NejRVajYFDA.

Year 6

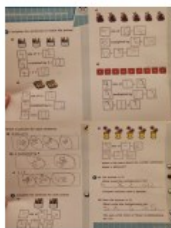Computing/Online Safety Curriculum Report 2020-2021

Remote Learning

From January 2021 to March 2021 the school closed due to Covid-19 and all learning took place remotely. Our staff really stepped up and produced fantastic Sways, videos and lessons to support their pupils. Staff, pupils and parents had to learn quickly how to adapt and we set up Class Dojo and Microsoft Teams to enable us to keep in touch through live lessons, meetings and direct messaging plus gave us the platforms we needed to support children learning from home.

We set up a Home Learning Champions section on the school Newsletter to recognise the hard work that the children were putting in with their learning at home.

Written by S.Day July 2021

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