Coley Primary School – Knowledge Organiser

SUBJECT FOCUS:	Computing – digital media	YEAR	1

Prior learning: Different types of technology used at home and at school. Using technology safely and taking turns. Exploration with digital cameras, iMac, Beebots, Smartboard and electronic musical instruments.

Links: art (self-portraits) music (recording and composing sounds)

Things I need to know

Technology at home

We use lots of different technology every day – at home and at school. You probably have some or all of these at home:








Many of these things are powered by **computers. Computers** are used in lots of different ways in the outside world too. Computers work:


traffic lights



cashpoints


supermarket tills


card scanners

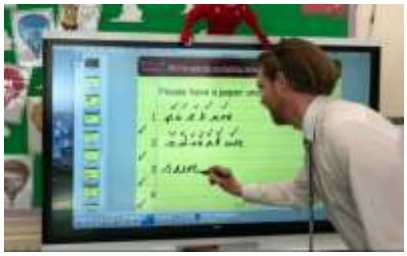
and many, many more things we use every day.

Technology at school


iPad


Fizz Book


laptop


Smartboard

Taking photos Your teacher will tell you the passcode for the iPads



From the home screen Tap the camera app



From the lock screen, swipe left of press the camera button


Press this button to switch to the front-facing camera to take a selfie



Tap the shutter button

Recording sounds

We can use the iPad to record sounds because they have a microphone. We have to use an app to let us record our voices or sounds around us. Use the volume buttons to make your recording louder or quieter.

volume buttons



Using technology safely

We share our technology at school so we have rules about how we use it. These are to make sure that it stays working so that everyone can enjoy it. They also make sure that we stay safe while we use it.

We always:

- Handle equipment with care
- Take turns
- Only do things we've been told to do
- Close apps and programs when we have finished with them
- Turn on and shut down properly
- Put computers back where they belong

Words

technology – things that help us to do tasks more easily and more quickly

computer - device for working with information. The information can be numbers, words, pictures, movies, or sounds

tablet – a computer you can hold that has a touchscreen. iPads are a type of tablet.

laptop – a fold out computer you can use on your lap or on a table. Fizz books are a type of tablet.

PC – a computer that has a hard drive and a monitor. These usually stay in one place

images – pictures

selfie – a photo you have taken of yourself

save – tell a computer to keep an image or a file

edit - change

charge – plug in to make sure a device has power

Can you …?

Describe ways technology is used at home, in school and in the wider world

Enjoy using a range of technology in your classroom for different tasks

Treat technology with care and respect

Take and edit a photo of yourself

Record sounds and compose music using technology

Possible experiences

Agree shared rules about using technology

Technology map of your home

Technology hunt in local community

Take and edit selfies in ArtStudio or Doodle Buddy. Write sentences about yourself.

Record sounds using Sampletoy app

Use CBeebies Get Creative, Messy's Music or Minisynth2 to compose music