COMPUTING AT KILLIGREW

WHEN IS IT TAUGHT?

Computing is taught discretely from Year 1 to Year 6 during a dedicated computing lesson each week. In the Early Years, computing is woven into the learning that takes place throughout each term.

WHAT DO WE USE?

At Killigrew, children have access to a variety of hardware includingh iPads and Chromebooks. In using both types of hardware, children become familiar with using both Apple and Chrome operating systems. Via their school created Google accounts, children have access to the Google Workspace suite of apps, including Google Classroom. These are utilised in computing lessons, and across the curriculum.

WHY DO WE TEACH THIS?

Technology impacts the lives of our children in a multitude of ways. We know that in the wider world our children will already be using a wide range of technology and, as they continue through school and into a chosen career, technology skills will likely continue to play an important part in their lives. Our computing rationale talks about the seven themes of our 'Switched on Computing' curriculum.

These include:
- ·programming,
- ·computational thinking,
- ·creativity
- ·computer networks
- ·communication and collaboration
- ·productivity
- ·online safety

WANT TO KNOW MORE?

Check out our curriculum rationale here.

Click here to view how our skills progress from the Early Years to Year 6 through our curriculum.

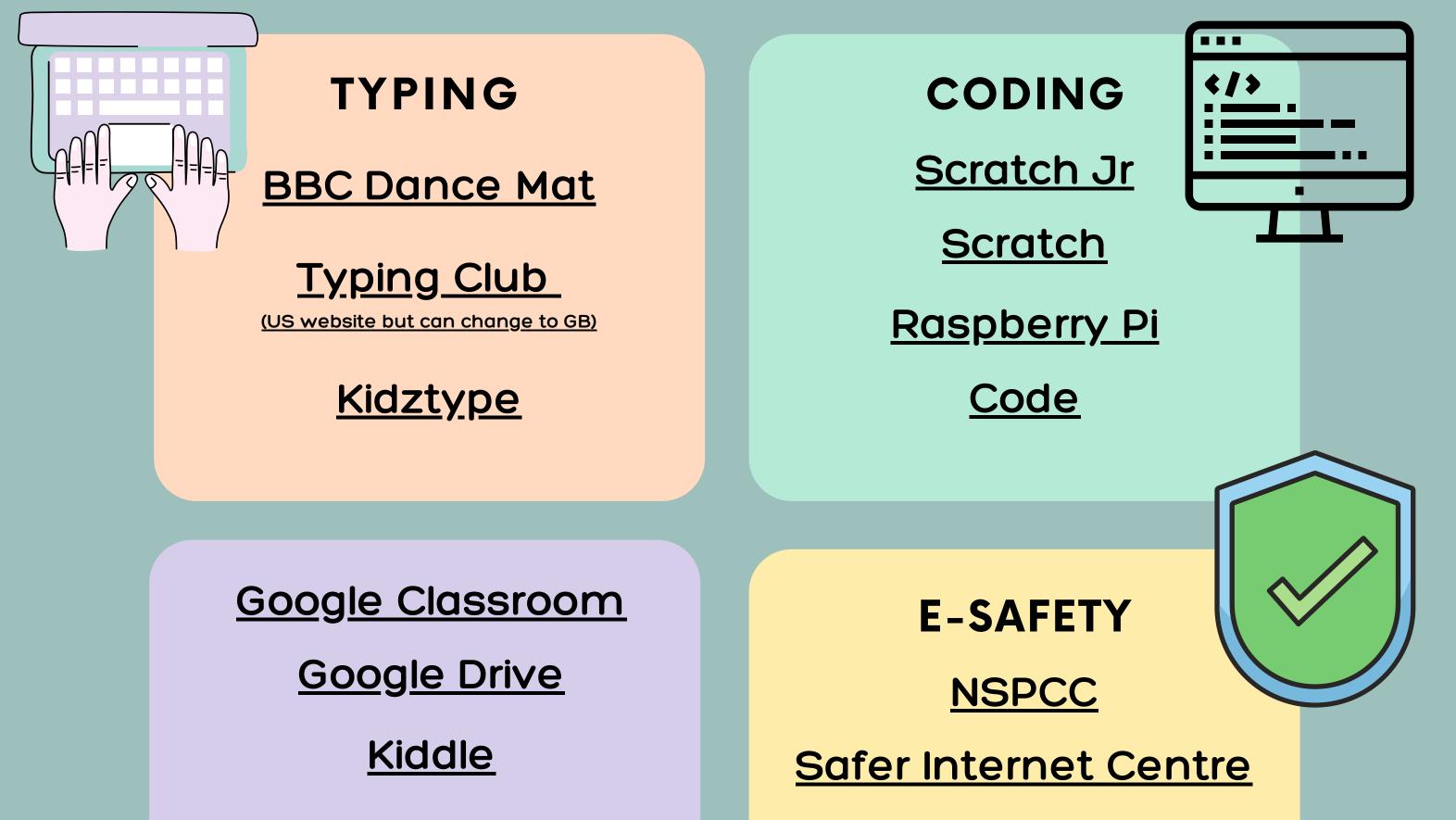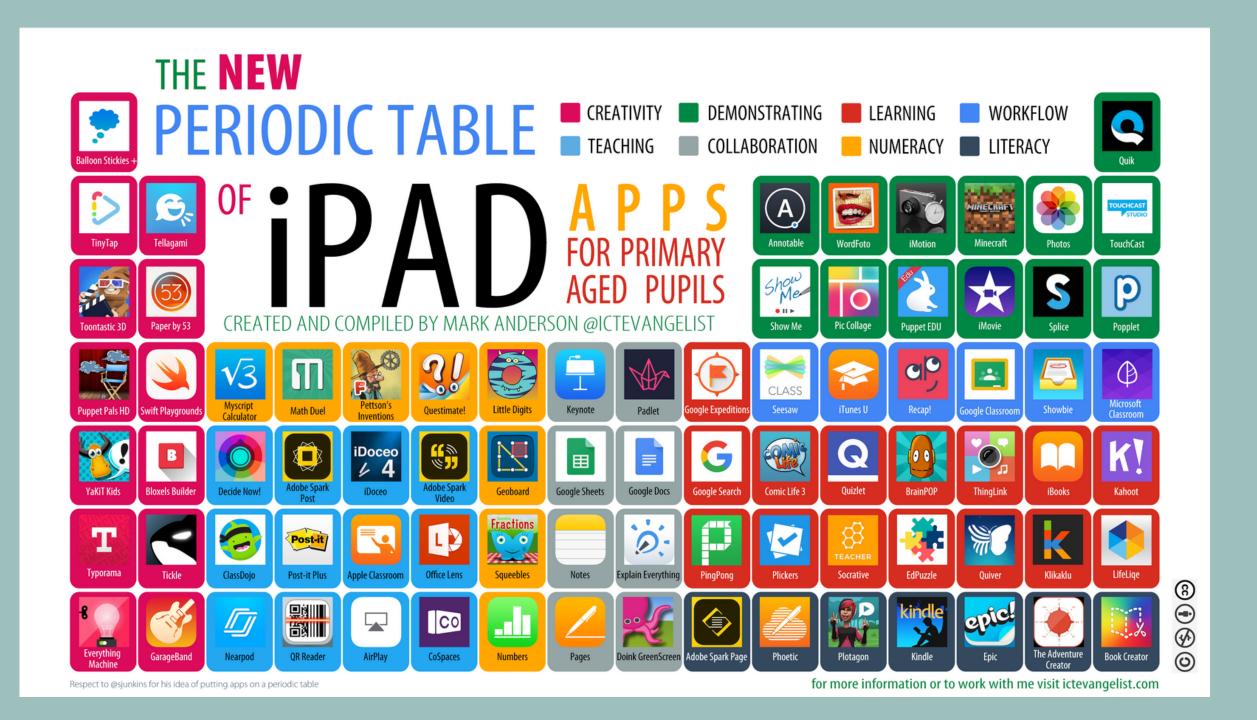Click here to see the units and key vocabulary for each year group.

USEFUL WEBLINKS FOR COMPUTING

TYPING

BBC Dance Mat

Typing Club
(US website but can change to GB)

Kidztype

CODING

Scratch Jr

Scratch

Raspberry Pi

Code

Google Classroom

Google Drive

Kiddle

DK Findout

Ducksters

E-SAFETY

NSPCC

Safer Internet Centre

Think U Know

ICT Evangelist

THE **NEW** **PERIODIC TABLE** OF **iPAD** **A P P S** FOR PRIMARY AGED PUPILS

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Respect to @sjunkins for his idea of putting apps on a periodic table

for more information or to work with me visit ictevangelist.com

PLACES TO VISIT

BLETCHLEY PARK MILTON KEYNES

Bletchley Park, once the top-secret home of the World War Two Codebreakers, is now a museum and a vibrant heritage attraction open daily, managed by the Bletchley Park Trust.

After the war, Bletchley Park became home to a variety of training schools: for teachers, Post Office workers, air traffic control system engineers, and members of GCHQ. In 1987, after a fifty-year association with British Intelligence, Bletchley Park was finally closed.

There were moves to demolish the whole site in favour of housing development and a supermarket. In 1991, the Bletchley Archaeological and Historical Society formed a small committee with the aim of saving Bletchley Park in tribute to the remarkable people whose collective intellects changed the course of WW2. They wanted the story to be kept alive for the education and enjoyment of future generations.

STEM DISCOVERY CENTRE, STEVENAGE

The STEM Discovery Centre is backed and funded by Hertfordshire Local Enterprise Partnership and the UK Government through the UK Community Renewal Fund. This unique facility is run in partnership with North Hertfordshire College, Airbus and the Hertfordshire LEP.

SCIENCE MUSEUM, LONDON

The Science Museum's world-class collection forms an enduring record of scientific, technological and medical advancement from across the globe.

RECOMMENDED READS

EARLY YEARS AND KS1

My First Coding Book

Look inside: How computers work

Lift the flap: Computers and coding

Unplugged

Ada Lovelace: little people, big dreams

KS2

100 things to know about numbers, computers and coding

Coding for Kids

Code your own games

Learn the Language of Social Media

The Person Controller

Why are there different computer languages?