

# 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.



## 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.](#)

## WHAT DO WE USE?

At Killigrew, children have access to a variety of hardware including 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

# 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 APPS FOR PRIMARY AGED PUPILS**

CREATED AND COMPILED BY MARK ANDERSON @ICTEVANGELIST

RESPECT TO @SJUNKINS FOR HIS IDEA OF PUTTING APPS ON A PERIODIC TABLE

for more information or to work with me visit [ictevangelist.com](http://ictevangelist.com)

Legend:

- CREATIVITY
- TEACHING
- DEMONSTRATING
- COLLABORATION
- LEARNING
- NUMERACY
- WORKFLOW
- LITERACY

Apps included:

- Balloon Stickies
- TinyTap
- Tellagami
- Toontastic 3D
- Paper by 53
- Puppet Pals HD
- Swift Playgrounds
- Myscript Calculator
- Math Duel
- Peterson's Inventions
- Questimate!
- Little Digits
- Keynote
- Padlet
- Google Expeditions
- Seesaw
- iTunes U
- Recap!
- Google Classroom
- Showbie
- Microsoft Classroom
- YaKIT Kids
- Blovels Builder
- Decide Now!
- Adobe Spark Post
- iDoceo
- Adobe Spark Video
- Geoboard
- Google Sheets
- Google Docs
- Google Search
- Comic Life 3
- Quizlet
- BrainPOP
- ThingLink
- iBooks
- Kahoot
- Typorama
- Tickle
- ClassDojo
- Post-it Plus
- Apple Classroom
- Office Lens
- Squeebles
- Notes
- Explain Everything
- PingPong
- Plickers
- Socrative
- EdPuzzle
- Quiver
- Klikaklu
- LifeLige
- Everything Machine
- GarageBand
- Nearpod
- QR Reader
- AirPlay
- CoSpaces
- Numbers
- Pages
- Doink GreenScreen
- Adobe Spark Page
- Phoetic
- Plotagon
- Kindle
- Epic
- The Adventure Creator
- Book Creator
- Quik
- Annotable
- WordFoto
- iMotion
- Minecraft
- Photos
- TouchCast
- Show Me
- Pic Collage
- Puppet EDU
- iMovie
- Splice
- Popplet



# 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?

