



Computing in EYFS

Computing At School Conference
Saturday 13th July 2024



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and Consultant*



@EatSleepICTRpt



/EatSleepICTRepeat



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EatSleepICTRepeat.com



🎯 Today we will explore...

- Why teach computing in EYFS?
- Online Safety resources
- Digital Creativity enrichment
- Foundations of Programming
- Implementing Core Skills
- Assessing learning in EYFS
- Useful links



Why teach computing in EYFS?



Statutory framework for the early years foundation stage

Setting the standards for learning,
development and care for children from
birth to five

Published: 12 July 2023

Effective: 4 September 2023

Understanding the World

Understanding the world involves guiding children to make sense of their physical world and their community. The frequency and range of children's personal experiences increases their knowledge and sense of the world around them – from visiting parks, libraries and museums to meeting important members of society such as police officers, nurses and firefighters. In addition, listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world. As well as building important knowledge, this extends their familiarity with words that support understanding across domains. Enriching and widening children's vocabulary will support later reading comprehension.

p.10

Within the new EYFS curriculum the 'Technology' strand has been removed from 'Understanding the World' and has not been replaced with any updated guidance.

However, computing and technology are still vitally important subjects to teach to children in EYFS.

https://assets.publishing.service.gov.uk/media/64afe61b8bc29f000d2cccc0/EYFS_framework_from_September_2023.pdf



Plant the seeds

Teaching computing within the curriculum ensures that children enter Year 1 with a strong foundation of knowledge.

Computing lessons in the EYFS also ensure that children develop listening skills, problem-solving abilities and thoughtful questioning.




Our World Today

We live in a technological world where technology is integrated into the lives of young children.

Just as we ensure the children in our care are ready for the adult world by teaching them maths and literacy, we should also make sure that they are fluent in computer literacy and know how to stay safe when they are online.


Explore Computing in EYFS through Four Computing Strands

A red glowing circular graphic with multiple concentric rings and a bright light source in the center, creating a lens flare effect.

Online Safety
in EYFS

A green glowing circular graphic with multiple concentric rings and a bright light source in the center, creating a lens flare effect.

Digital
Creativity
in EYFS

A blue glowing circular graphic with multiple concentric rings and a bright light source in the center, creating a lens flare effect.

Coding
in EYFS

A yellow glowing circular graphic with multiple concentric rings and a bright light source in the center, creating a lens flare effect.

Core Skills
in EYFS



Online Safety in EYFS

Self-
image &
Identity

Stranger
Danger

Reporting
problems

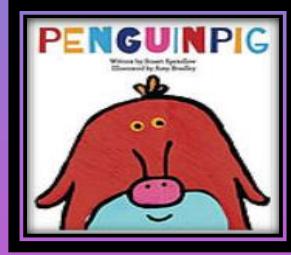
Online
Relationships

Online
Bullying

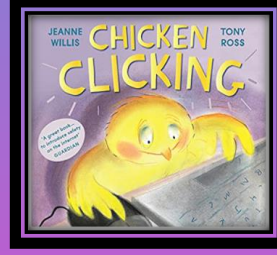
Engage through story books...



Smartie the Penguin



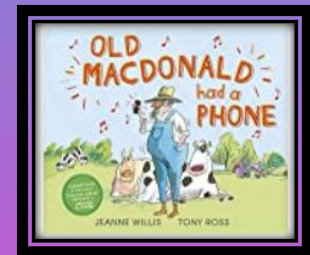
Penguin Pig



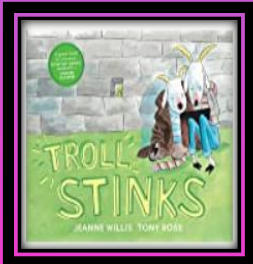
Chicken Clicking



Once Upon a Time Online



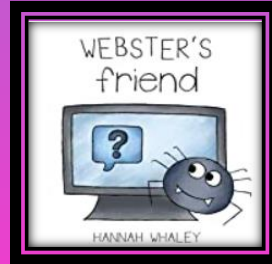
Old MacDonald Had a Phone



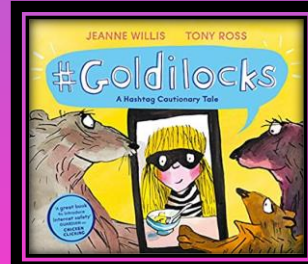
Troll Stinks



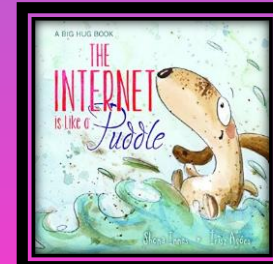
But It's Just a Game



Webster's Friend



#Goldilocks



The Internet is like
a Puddle

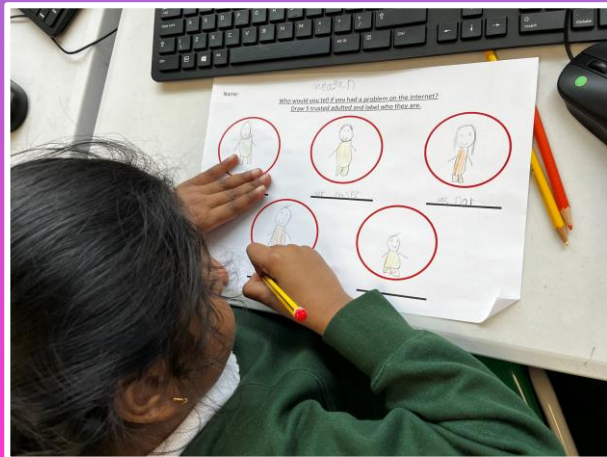


Hanni and the
Magic Window



Activity Ideas

- Chanting & Songs
- Role play
- Drawing characters
- Drawing and labelling 5 trusted adults
- Talking about what they like to do online





Jessie and Friends

<https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos>

3 Videos & Resources

- Ask key questions
- Share a selfie
- Photo sharing journey map
- Left/Right Multiple Choice Quiz (Assessment)

Themes:

Dangers of... Watching Videos,
Sharing Photos & Playing Games

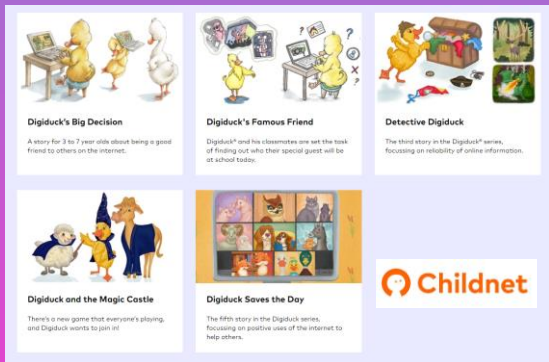




Digi Duck Stories

<https://www.childnet.com/resources/digiduck-stories>

5 e-books & lesson resources



Themes:

Digital Well-being, Cyberbullying,
Gaming, Reporting & Reliability

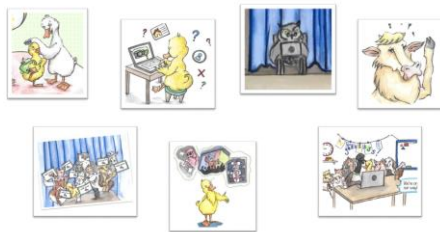
Quick Creative Activities



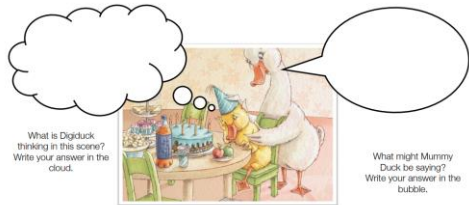
Quick Discussion Activities



Sequencing and Recount – Digiduck's Famous Friend

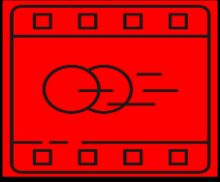


Bubbles and Clouds Digiduck's Big Decision



Creative Activities
Discussion Activities
Writing Activities

Sequencing & Recount
Speech Bubbles
Thought Clouds



Animation



Audio Editing



Digital Design

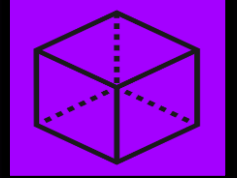
Digital Creativity in EYFS



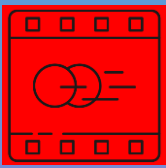
Image Editing



Video Editing



Virtual Simulation



Animation

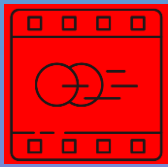


Chatterpix

SUGGESTED ACTIVITIES

- Take a photo of a famous person they are studying and talk about their life / achievements in the first person.
- Take a photo of a material and talk about it's properties and what it's used for.





Animation



Puppet Pals

SUGGESTED ACTIVITIES

- Animate a Fairy Tale cartoon on Puppet Pals.
- On Director's Pass – Insert a picture of themselves in or a famous person they are studying.





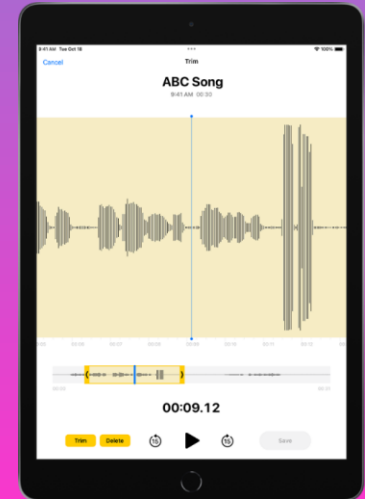
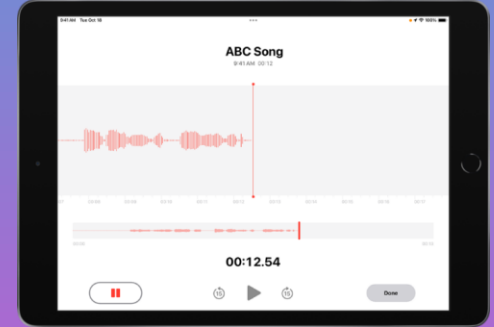
Audio Editing



Voice Memos

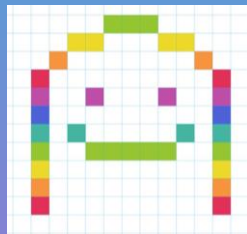
SUGGESTED ACTIVITIES

- Record your voice talking about a topic, book or themselves or their family.
- Basic editing features such as trimming.

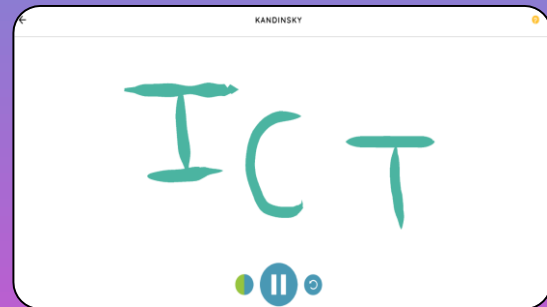




Audio Editing



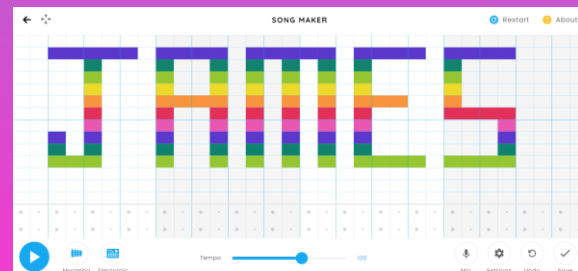
Chrome Music Lab



SUGGESTED ACTIVITIES

- Create digital music through art and sequences

<https://musiclab.chromeexperiments.com/>





Audio Editing



Incredibox

SUGGESTED ACTIVITIES

- Select different vocal beats to create a beat box tune.

<https://www.incredibox.com/demo/>





Digital Design

Busy Things

SUGGESTED ACTIVITIES

- Learn to draw and create art digitally.
- Explore a variety of paint tools, colours and stamps
- Draw a picture related to a topic
- Draw a picture of outside during each season.

<https://www.busythings.co.uk/>





Digital Design



Just2Easy

SUGGESTED ACTIVITIES

- Create a picture using stamps
- Explore a variety of paint tools, colours and stamps
- Create picture with labels
- Create a mini-e-book with text and pictures

<https://www.j2e.com/jit5>





Image Editing



Camera/Photos

SUGGESTED ACTIVITIES

- Take a seasonal photo. Repeated every term.
- Classroom Photography challenges that use zoom, focus and multiple angles
- Edit and label using Mark Up (lines and text)

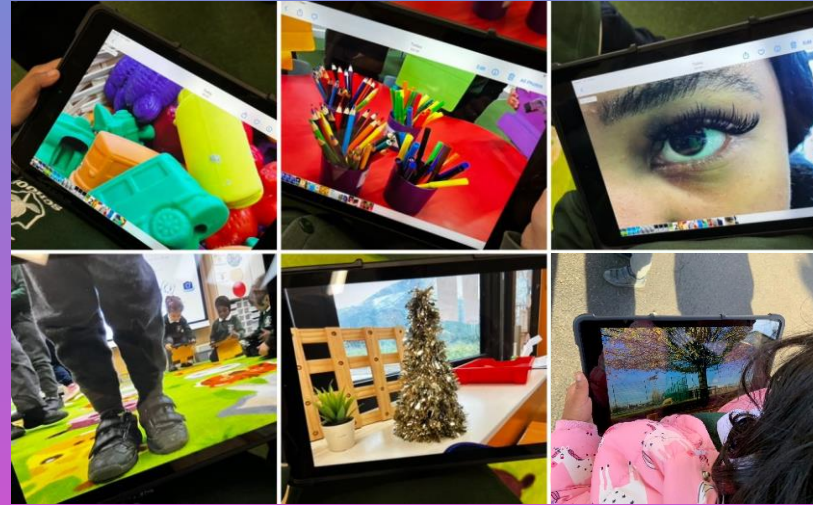




Image Editing

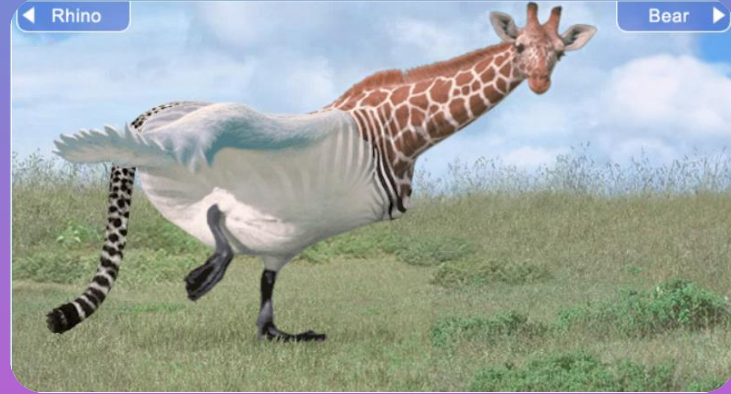


Switch Zoo

SUGGESTED ACTIVITIES

- Create an Animal Hybrid that rivals the Gruffalo and describe it.
- Write/Tell a story featuring your animal hybrid.

<https://switchzoo.com/>





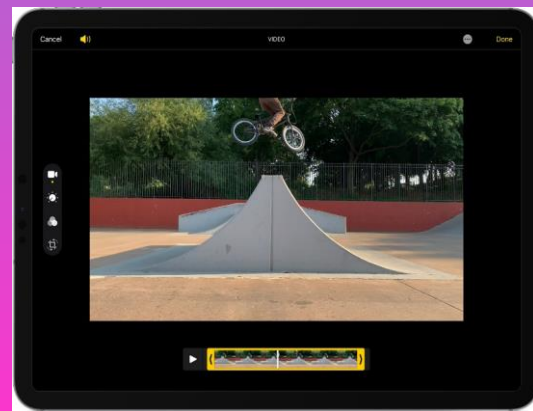
Video Editing

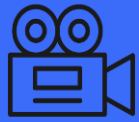


Camera/Photos

SUGGESTED ACTIVITIES

- Record a video, timelapse or slo-mo video.
- Resize, change the angle and trim the length of a video.
- Add coloured filters onto a video.
- Mute a video.





Video Editing

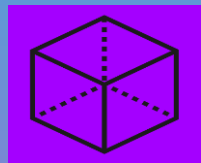


iMovie/Do Ink Green Screen

SUGGESTED ACTIVITIES

- Record against a green screen to bring roleplay to life.
- Slow down to create zero gravity effect in space or swimming under the sea.





Virtual Simulations



DEMO

Real AR Zoo

My Very Hungry Caterpillar AR

AR Moon

Backyard Apollo



SUGGESTED ACTIVITIES

- Explore an Augmented Reality app to create engaging virtual experiences in the classroom.



Your turn to have an explore!

Scan the QR Code or
<https://tinyurl.com/CAS-EYFS>



SCAN ME



Computing in EYFS
 links to resources
 Updated: May 2024

LOGO	RESOURCE	LINK	STRAND
	Smartie the Penguin	https://www.childnet.com/resources/smartie-the-penguin	Online Safety
	Hanni and the Magic Window	https://www.childnet.com/resources/hanni-and-the-magic-window/	Online Safety
	Troll Stinks	https://www.vodafone.co.uk/cs/groups/configfiles/documents/webcontent/vfcon110705.pdf	Online Safety
	Jessie and Friends	https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos	Online Safety
	Digi Duck	https://www.childnet.com/resources/digiduck-stories	Online Safety
	Chatterpix	https://apps.apple.com/gb/app/chatterpix-duck-duck-moose/id734038526	Digital Creativity
	Puppet Pals	https://apps.apple.com/us/app/puppet-pals-hd/id342076546 Free and Paid apps	Digital Creativity
	Voice Memos	https://apps.apple.com/us/app/voice-memos/id1069512134	Digital Creativity
	Chrome Music Lab	https://musiclab.chromeexperiments.com	Digital Creativity
	Incredibox	https://www.incredibox.com/demo	Digital Creativity
	Busy Things	https://www.busythings.co.uk/ Subscription Required	Digital Creativity / Coding / Core Skills
	Just 2 Easy	https://www.ize.com/jit5 Subscription Required to save work	Digital Creativity / Core Skills

LOGO	RESOURCE	LINK	STRAND
	Camera	https://apps.apple.com/gb/app/camera/id1584216193	Digital Creativity
	Photos	https://apps.apple.com/us/app/photos/id1584215428	Digital Creativity
	Switch Zoo	https://switchzoo.com/	Digital Creativity
	iMovie	https://apps.apple.com/us/app/imovie/id377298193	Digital Creativity
	DoInk Green Screen	https://apps.apple.com/gb/app/green-screen-by-do-ink/id730091131 Paid app	Digital Creativity
	Real AR Zoo	https://apps.apple.com/tr/app/real-ar-zoo/id152978203	Digital Creativity
	My Very Hungry Caterpillar AR	https://apps.apple.com/us/app/my-very-hungry-caterpillar-ar/id1277085142	Digital Creativity
	AR Moon	https://apps.apple.com/us/app/ar-moon-explore-solar-system/id1287945174	Digital Creativity
	Backyard Apollo	https://apps.apple.com/gb/app/backyard-apollo-ar/id1258795104	Digital Creativity

5 mins

Download an app or explore a resource from the Online Safety and Digital Creativity strands



Coding in EYFS

Coding in Early Years

Building a foundational understanding of **computational thinking**:

- Thinking logically
- Problem solving
- Working collaboratively
- Predicting outcomes
- Sequencing instructions (algorithms)
- Trial and error
- Fixing errors (debugging)








- Computational thinking is a series of **problem solving strategies** to help with **understanding** a problem and working out how to **solve** it.
- Applies across the curriculum especially in STEM subjects.

www.barefootcomputing.org

The Computational Thinkers

Early Years

Concepts

-  **Logical Reasoning**
anticipating and explaining
-  **Abstraction**
working out what is important and ignoring what is not important
-  **Pattern**
comparing, spotting similarities and differences
-  **Algorithms**
instructions and sequencing
-  **Decomposition**
breaking problems down into steps

Approaches

-  **Tinkering**
playing and exploring
-  **Creating**
making things, checking things and fixing things
-  **Collaboration**
playing and working cooperatively
-  **Persevering**
not giving up

We're all
computational
thinkers here!

When you think about it, whether we're parents, pupils or teachers
– we're all natural computer scientists, capable of computational thinking.
barefootcomputing.org

Coding Language Progression

EYFS

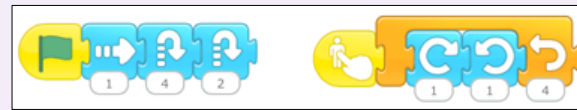


DIRECTIONAL ARROWS

KS1

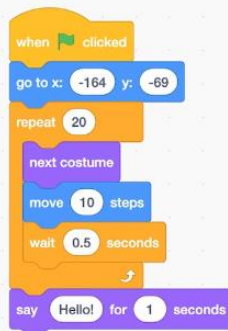


DIRECTIONAL ARROWS

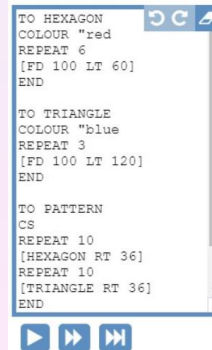


BLOCK SYMBOLS

KS2



BLOCK
TEXT



LOGO
TEXT



SUPER SPACE

Age: 4-6 years

Curriculum Links:
Science

Concepts & Approaches:

Algorithms, Collaboration, Persevering, Creating, Pattern, Logical reasoning, Tinkering, Abstraction

Includes 3 space themed activities to develop pupils computational thinking and problem solving skills. Include creating algorithms to direct a rocket through space and spotting patterns in pictures of aliens.

[Download Resource](#)



BOATS AHOY

Age: 4-6 years

Curriculum Links:

Science, Maths, English, D&T

Concepts & Approaches:

Algorithms, Decomposition, Creating, Tinkering, Logic, Patterns, Abstraction, Collaborating

Takes children on a journey of discovery as they investigate boats. Four activities make up this set of resources. Includes different uses of boats, floating and sinking predictions, creating a good boat through exploring designs and role play.

[Download Resource](#)



BUSY BODIES

Age: 4-6 years

Curriculum Links:

PSHE, English, Science

Concepts & Approaches:

Algorithms, Decomposition, Debugging, Logic, Patterns, Abstraction

Provides four activities that help children discover how bodies move and grow. Using the resources provided they explore and learn about parts of the body growth and movement.

Simple algorithms are created and adapted to form a routine of movements.

[Download Resource](#)



EARLY YEARS PROMPT CARDS

Age: 4-6 years

Curriculum Links:

Science, Maths, English, D&T

Concepts & Approaches:

Collaborating, Creating, Tinkering, Logic, Persevering, Patterns, Decomposition, Algorithms, Abstraction

These handy cards provide key questions to prompt discussion in your classroom linked to the Barefoot computational thinking concepts and approaches.

[Download Resource](#)



SUMMER FUN

Age: 4-6 years

Curriculum Links:

Science, Maths, English, D&T

Concepts & Approaches:

Tinkering, Persevering, Patterns, Logic, Decomposition, Debugging, Collaborating, Algorithms

Children explore their surroundings and get creative, take a journey and make a map, and discover seaside tangrams, in these three fun activities.

[Download Resource](#)



EARLY YEARS COMPUTATIONAL THINKERS POSTER

Specifically aimed at Early Years this poster breaks down the process of Computational Thinking into key concepts and approaches.

[Download Resource](#)



PIC-COLLAGE



AWESOME AUTUMN

Age: 4-6 years

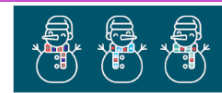
Curriculum Links:
Early Years

Concepts & Approaches:

Creating, Pattern, Logic, Algorithms, Decomposition, Tinkering, Collaborating

Three Autumn themed activities which see the children explore patterns in Garlands Galore, create a leaf labyrinth and make Pumpkin Soup using computational thinking skills.

[Download Resource](#)



WINTER WARMERS

Age: 4-6 years

Curriculum Links:
Early Years

Concepts & Approaches:

Algorithms, Creating, Collaboration, Decomposition, Tinkering, Persevering

Snowmen scarves and patterns, creating igloos and bird feeders- all take centre stage in our three winter themed activities.

[Download Resource](#)



SPRINGTIME

Age: 4-6 years

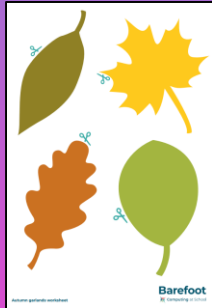
Curriculum Links:
Early Years

Concepts & Approaches:

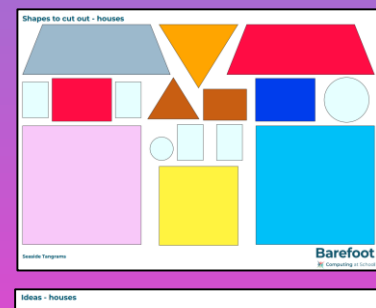
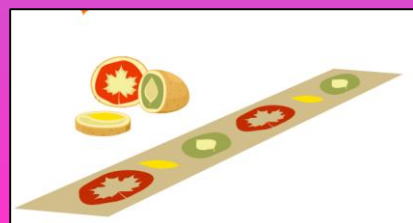
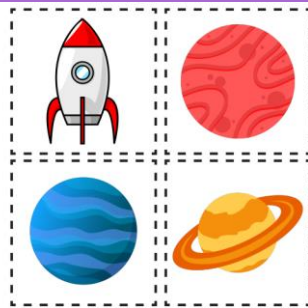
Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition

Three Spring themed activities see the children and bird feeders- all take centre stage in our three winter themed activities.

[Download Resource](#)



Barefoot
© Computing at School



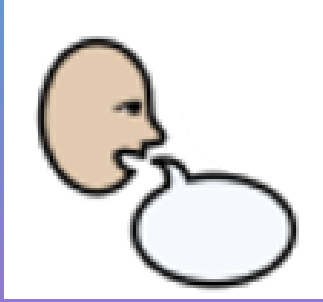
Seaside Tangrams

Barefoot
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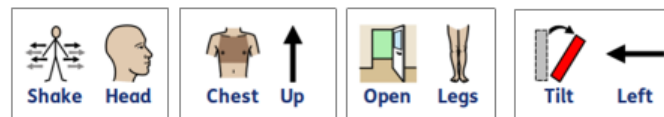
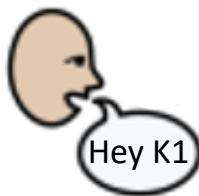
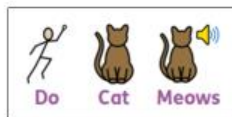
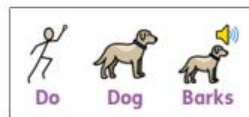
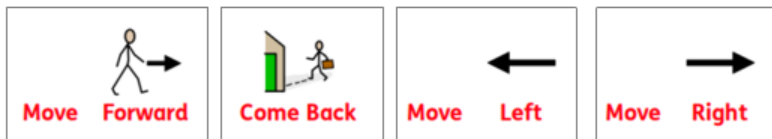
Seaside Tangrams

Barefoot
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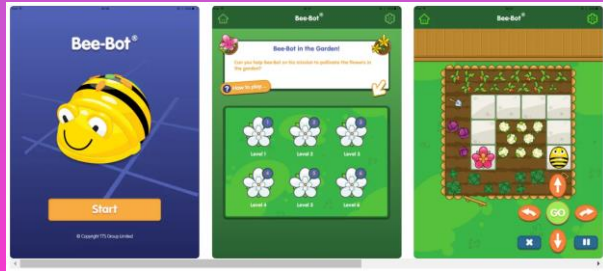
Say “ Hey K1 ”
and listen for
“ I’m here ”







Beebot & Bluebot



Code-a-pillar

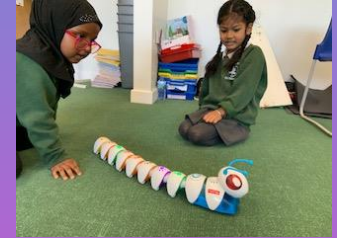
Can you make the
letter **C**
with Code-a-pillar?



Can you make the
letter **S**
with Code-a-pillar?



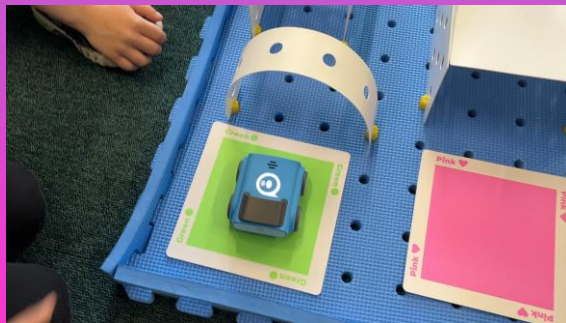
Programmable Toys & Robots



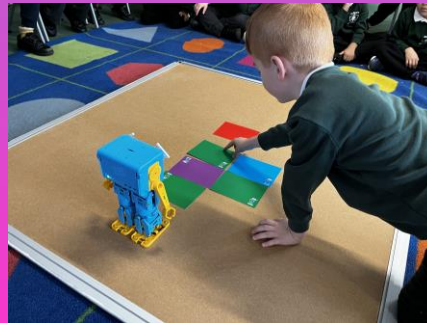
- Explore the controls.
- Can you program it from point A to point B?
- Can you include turns?



Sphero Indi



Marty the Robot

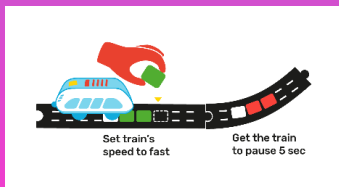


Programmable Toys & Robots

- What will each colour do?
- Can you program it from point A to point B?
- Create a course that includes forward, backwards, 90 left, 90 right and stop / celebrate.



Intelino Smart Train



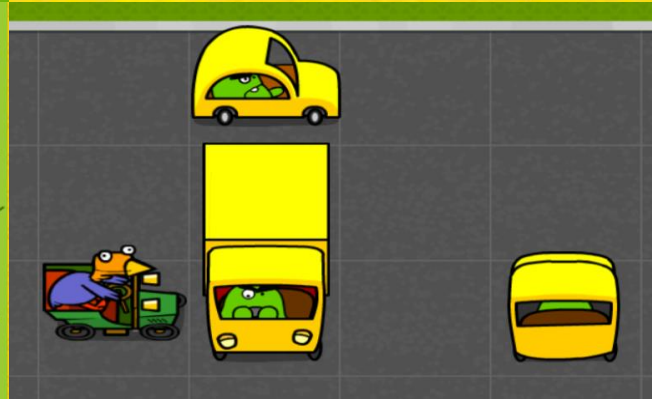
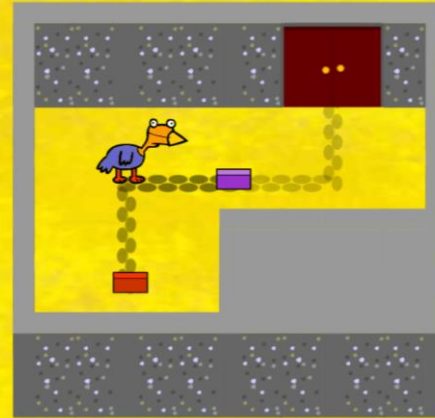
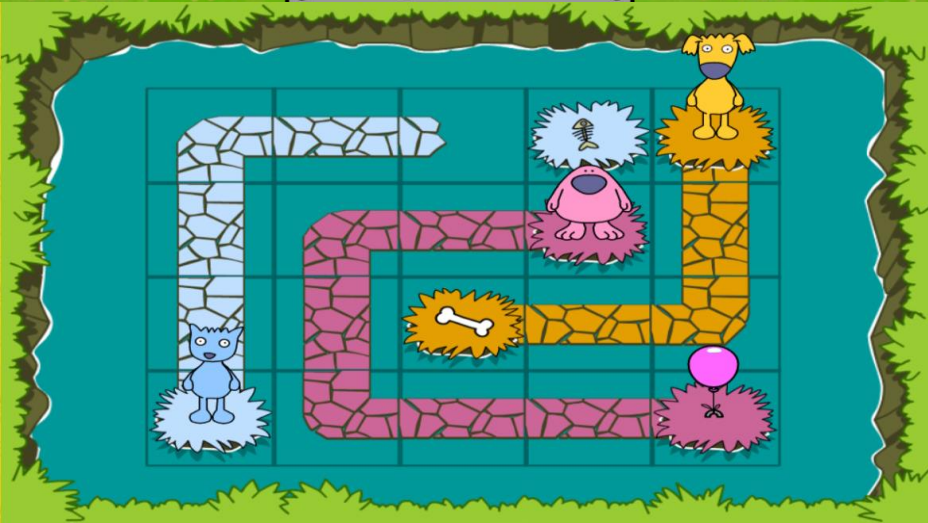
Dash



Go

Programmable Toys & Robots

- What will each colour pattern do?
- Can you program/drive it from point A to point B?
- How can you control the speed?



Screen
Coding

**Busy
Things**

<https://www.busthings.co.uk/>

Screen Coding

HOUR OF CODE

<https://hourofcode.com/uk/learn>



Typing



Control



Data

Core Skills in EYFS



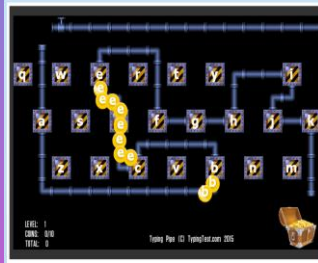
Communication



Technology



Typing



SKILLS

- Finding letters on a keyboard
- Typing with two hands

Just be aware
of adverts!

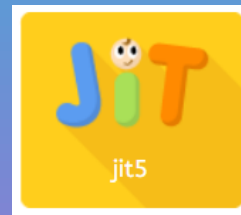
<https://www.abcya.com/games/category/typing>

<https://www.typinggames.zone/>

<https://games.sense-lang.org/EN.php>



Typing



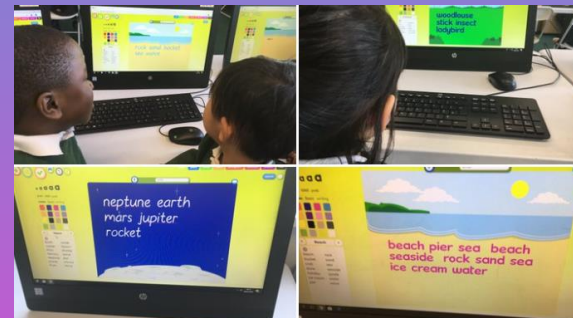
Tree keys

Learn the letters on the computer keyboard



Bird words

Type words using the computer keyboard.



SKILLS

- Finding letters on a keyboard
- Typing with two hands



<https://www.busthings.co.uk/>

<https://www.j2e.com/jit5#>



Typing



Level 1: Starts with the home row keys

In this level you will begin by learning to touch type the keys on the home row as well as letters e, i, r and u.

- Stage 1: f d s a j k l g h
- Stage 2: e i
- Stage 3: r u



Play level 1 and click on the button to select the stage you want.

Level 2: Learn the six keys above the home row

In this level you will learn to type six new keys that lie above the home row including letters t, y, w, o, q and p.

- Stage 4: t y
- Stage 5: w o
- Stage 6: q p



Play level 2 and click on the button to select the stage you want.

Level 3: Learn the six keys below the home row

In this level you will learn to type six new keys that lie below the home row including letters v, m, b, n, c and the comma.

- Stage 7: v m
- Stage 8: b n
- Stage 9: c ,



Play level 3 and click on the button to select the stage you want.

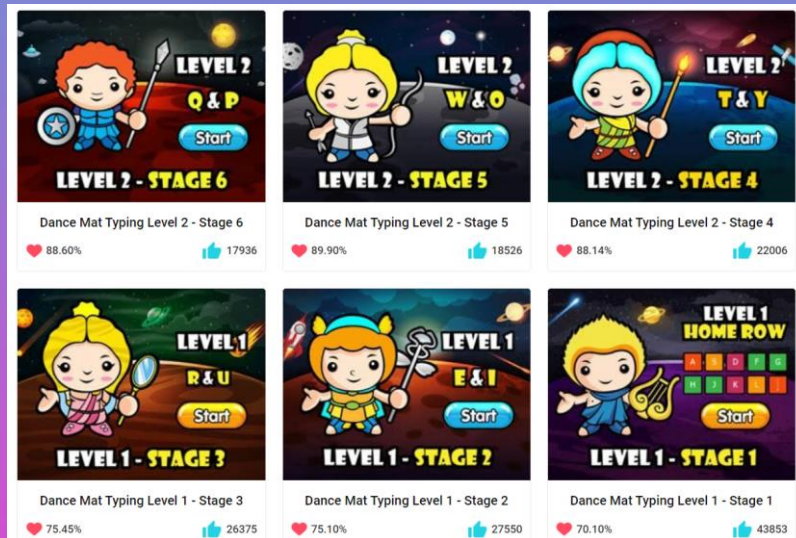
Level 4: Learn five more keys and how to make capital letters

In this level you will learn to type the letters x and z. You will also learn how to make capital letters and type three more keys: the apostrophe, slash and full stop.

- Stage 10: x z
- Stage 11: ' / .
- Stage 12: Shift keys - how to make capital letters



Play level 4 and click on the button to select the stage you want.



SKILLS

- Finding letters on a keyboard
- Typing with two hands

<https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr#zskfb7h1>

<https://www.kidztype.com/tags/bbc-typing/>



Control



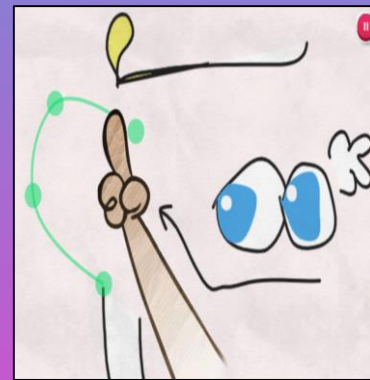
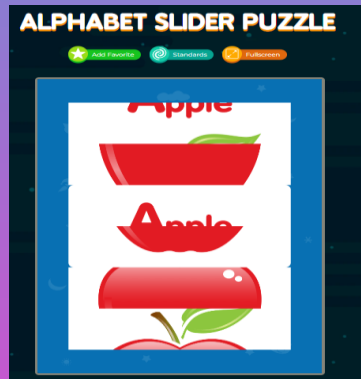
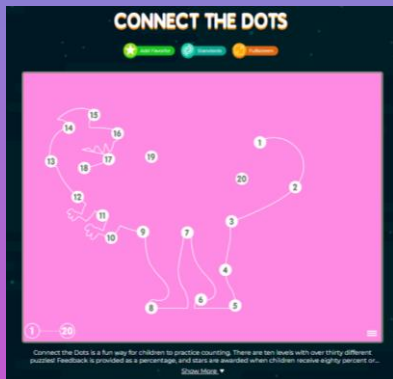
Normal Select		Text Select	
Help Select		Handwriting	
Working In Backgr.		Unavailable	
Busy		Vertical Resize	
Precision Select		Horizontal Resize	
Diagonal Resize 1		Alternate Select	
Diagonal Resize 2		Link Select	
Move			

15 cursors are available in Windows®
(copyright ©2008 Microsoft® Corp.)





Control



SKILLS

- Left Click, Right Click and use the Scroll Wheel
- Drag and Drop / Move around with accuracy

Just be aware
of adverts!

<https://www.abcya.com/games/>


<https://www.bbc.co.uk/cbbc/games/little-roy-wonder-doodler>



Control




Popular right now!




Body boggle

Stretch the characters to create your own crazy creatures!

GAME






Alphabet tracing

Practise forming letters. Pre-cursive, cursive and upper case forms available.

GAME




Popular right now!



Name tracing

Practise forming names and words. Different letter forms available.

GAME





Number tracing

Practise forming numbers. Different forms available.

GAME





Bubbles - Expressions

Pop the matching colours and faces!

GAME





Bubbles - shapes

Pop the matching shapes and colours!

GAME



SKILLS

- Left Click, Right Click and use the Scroll Wheel
- Drag and Drop / Move around with accuracy

<https://www.busthings.co.uk/>



Data Handling

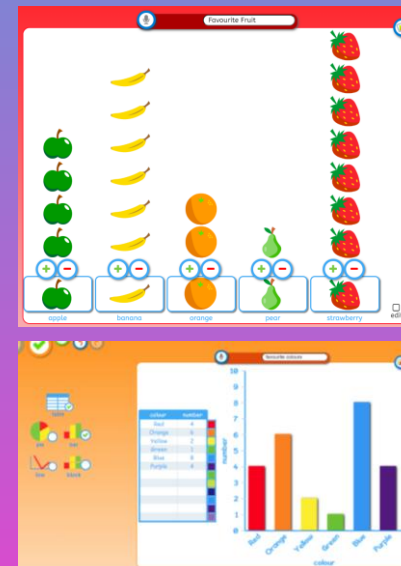


Just 2 Easy (J2Data)



Free to use:

- Pictogram
- Chart
- Branch



SKILLS

- Create a digital pictogram
- Create a digital block/bar chart, Pie Chart and Line Graph
- Create a branching database

<https://www.j2e.com/j2data/>



Communication

<https://www.tts-group.co.uk/early-years/ict/communication-resources/>



Save up to £60 off your order

Outdoor Big Point Recordable Buttons 6pk

Product Code: EY04773

A set of recordable units, great for speaking and listening and are ideal for use in all weathers by all ages.

★ Encourage communication and language all around your setting

[Read more](#)

➤ SPEND & SAVE! Spend £150, Save £10! Spend £250 Save £25! Spend £500 Save £60! Code: OUTDOOR23 [Details](#)

Quantity

£99.99 ex VAT
£ 119.99 inc VAT

Hurry, less than 10 available



Recordable Talking Pegs Assorted Colours

Product Code: make all selections to view product code

Strong, easy-grip pegs with a 10 second recording function.

- ★ Clip to washing lines and branches
- ★ Great for treasure hunts
- ★ Record up to 10 seconds of sound

[Read more](#)

Pack Size

Quantity

From £ 49.99 ex VAT



Talking-Point Recordable Buttons

Product Code: make all selections to view product code

★★★★★ [Read 1 Review](#)

Record and playback sound with battery-powered recordable buttons.

- ★ Each button records 10 seconds of sound
- ★ Loud and clear output
- ★ Cross curricular resource

[Read more](#)

Pack Size

Quantity

From £ 39.99 ex VAT



Rechargeable Mobile Phone Set 6pk

Product Code: EY04195

A set of 6 modern mobile phones which can telephone each other up to 50 meters away.

- ★ A wonderful way to introduce technology to Role Play
- ★ Mobiles allow for two way simultaneous conversation.
- ★ Supports communication and language development

[Read more](#)

Quantity

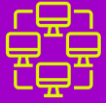
£149.99 ex VAT
£ 179.99 inc VAT

Estimated delivery in 8 weeks

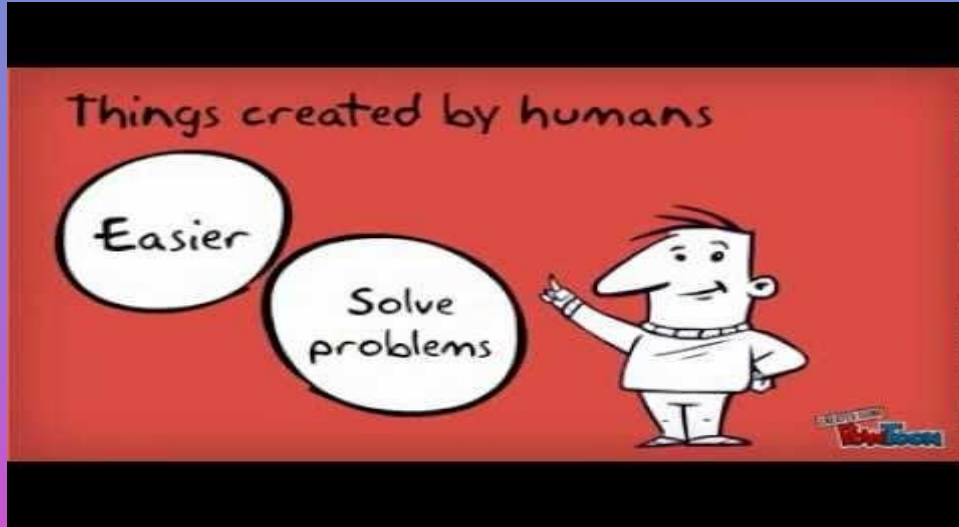
SKILLS

- Record their voice using a device
- Play back and listen to a recording using a device
- Communicate through a two way conversation using a device

Communication Toys



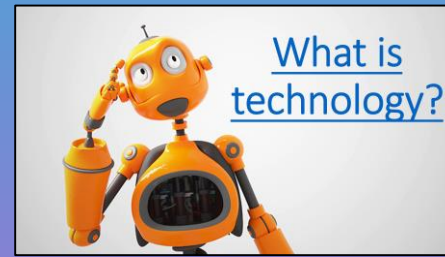
Technology



https://www.youtube.com/watch?v=Giiz81_uzK8

SKILLS

- Recognise technology around them
- Recognise what technology is used around the school and in their local area
- Identify what objects use power and identify how they are powered.



What technology can you see in the Computing Suite that uses power?

Have a walk around!

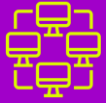
- Computers
- Interactive Whiteboard
- Chromebooks
- iPads
- Lights
- Air Conditioning
- Headphones
- Robots
- Wireless Access Point
- Visualiser
- Remote Control
- Alarm Sensor

What other technology might be see around the school?



What technology might we see around Wembley?





Technology

Information technology is...

... a computer or something that works with a computer.

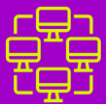


Information technology

Not information technology

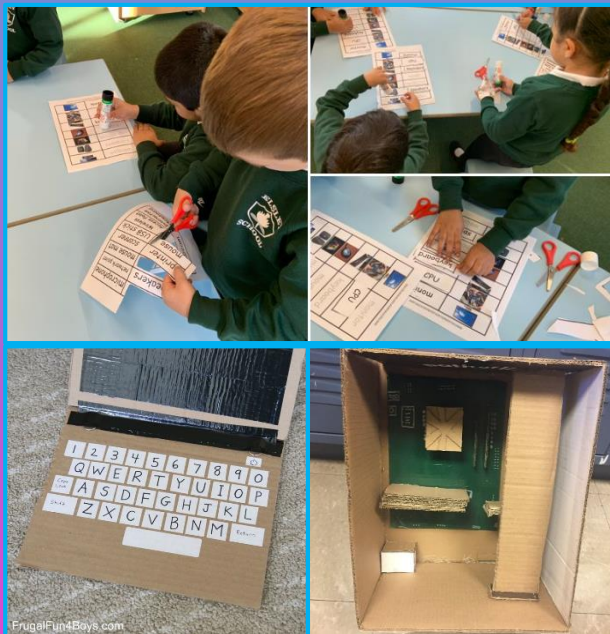


Now it's your turn. Draw things that you think **are** information technology and things that you think **are not**. Add labels to your drawings if you have time.



Technology

Identifying parts of a computer



Rules for using computer technology

- Hold your device carefully
- Stop using your device when someone is talking to you
- Take turns with your partner
- Use only the apps you have been asked to use
- Don't share your passwords



Can you remember the parts of a desktop computer?

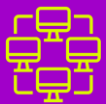


Can you remember the parts of a laptop computer?



SKILLS

- Recognise the rules for using technology
- Know the parts of computers and laptops
- Understand how devices work



Technology

Exploring QR Codes

QR Code Treasure Hunt

- Link pictures to a QR code through a website, QR Code generator or software such as Just2Easy.
- Hide the QR codes around the school.
- Children search for them, scan them and then record the picture found.

SKILLS

- Recognising uses of technology in the world/



Assessment ideas

- Who can recall previous learning at the start of the next lesson?
(Effective questioning)
- Task outcome – Who has completed the work accurately? Who needed support?
- Multiple choice quiz – Stand on the left/right.
- Photographic evidence





Useful Links

Barefoot Computing - EYFS

<https://www.barefootcomputing.org/earlyyears>

TTS Resources

<https://www.tts-group.co.uk/early-years/ict/>

LGFL Spotlight on EYFS

<https://sites.google.com/lgfl.net/spotlightoneyfs>

Computing at School EYFS blogs

<https://www.computingatschool.org.uk/news-and-blogs/2022/june/aspects-of-computing-in-the-early-years-foundation-stage-ey>

<https://www.computingatschool.org.uk/news-and-blogs/2023/november/lets-talk-about-technology-in-eyfs>

Your turn to have an explore!

Scan the QR Code or
<https://tinyurl.com/CAS-EYFS>



SCAN ME

LOGO	RESOURCE	LINK	STRAND
	Marty the Robot	https://robotical.io/	Coding
	Intelino Smart Train	https://intelino.com/ https://www.eatsleepcitrepat.com/intelino.html	Coding
	Dash	https://uk.makewonder.com/dash/	Coding
	Hour of Code	https://hourofcode.com/uk/learn	Coding
	ABCYA	https://www.abcy.com/games/category/typing	Core Skills
	Typing Games	https://www.typinggames.zone/	Core Skills
	Sense-Lang	https://games.sense-lang.org/EN.php	Core Skills
	BBC Dance Mat	https://www.bbc.co.uk/bitesize/topics/st2f9j6/articles/z3c6tf#rzkfb7h1	Core Skills
	Kidz Type	https://www.kidztype.com/taps/bbc-typing/	Core Skills
	Wonder Doodler	https://www.bbc.co.uk/cbbc/games/little-ray-wonder-doodler	Core Skills
	J2Data	https://www.i2e.com/j2data/	Core Skills
	TTS	https://www.tts-group.co.uk/early-years/ict/communication-resources/ https://www.tts-group.co.uk/early-years/ict/	Core Skills Useful Link
	London Grid for Learning	https://sites.google.com/lgfl.net/spotlightoneyfs	Useful Link
	Computing at School	https://www.computingatschool.org.uk/news-and-blogs/2022/june/aspects-of-computing-in-the-early-years-foundation-stage-ey https://www.computingatschool.org.uk/news-and-blogs/2023/november/lets-talk-about-technology-in-eyfs	Useful Link

	Barefoot Computing	https://www.barefootcomputing.org/earlyyears	Coding
	Beebot	https://www.tts-group.co.uk/bee-bot-programmable-floor-robot/1015268.html	Coding
	Bluebot	https://www.tts-group.co.uk/blue-bot-blueooth-programmable-floor-robot/1015269.html?cgid=Primary-Computing--ICT-Our-Floor-Robot-Family-Bee-Bot--Others	Coding
	Code-A-Pillar	https://www.abay.co.uk/itm/305571891745?tm-meta=01HYD5F762852MFG82684543Y&hash=item4725810a21.gc%3A8AAQ5wbxmR3ql	Coding
	Sphero Indi	https://sphero.com/pages/sphero-indi	Coding

5 mins

Download an app or explore a resource from the Coding and Core Skills strands or the useful links

Thank you for attending

Slides and links to all resources will be available for you to take away

<https://tinyurl.com/CAS-EYFS>



James Fraser
Computing Specialist
and Consultant



@EatSleepICTRpt



/EatSleepICTRepeat



/EatSleepICTRepeat



EatSleepICTRepeat.com

LOGO	RESOURCE	LINK	STRAND
	Smartie the Penguin	https://www.childnet.com/resources/smartie-the-penguin	Online Safety
	Hanni and the Magic Window	https://www.childnet.com/resources/hanni-and-the-magic-window/	Online Safety
	Troll Stinks	https://www.safelinks.co.uk/safelinks/safelinks/documents/trollstinks.pdf	Online Safety
	Jessie and Friends	https://www.thinkuknow.co.uk/safelinks/jessie-and-friends-98666	Online Safety
	Digi Duck	https://www.childnet.com/resources/digiduck-stories	Online Safety
	Chatterpix	https://apps.apple.com/gb/app/chatterpix-duck-duck-moo/id734038536	Digital Creativity
	Puppet Pals	https://apps.apple.com/us/app/puppet-pals-hd/id42076146	Digital Creativity
	Voice Memos	https://apps.apple.com/en/au/voice-memos/id1089512134	Digital Creativity
	Chrome Music Lab	https://musiclab.chromeexperiments.com	Digital Creativity
	Incredibox	https://www.incredibox.com/demo	Digital Creativity
	Busy Things	https://www.burymaths.co.uk/	Digital Creativity / Coding / Core Skills
	Just 2 Easy	https://www.2e.com/j2e	Digital Creativity / Core Skills

LOGO	RESOURCE	LINK	STRAND
	Camera	https://apps.apple.com/gb/app/camera/id1544216193	Digital Creativity
	Photos	https://apps.apple.com/us/app/photos/id1585115458	Digital Creativity
	Switch Zoo	https://switchzoo.com/	Digital Creativity
	iMovie	https://apps.apple.com/us/app/iMovie/id377288193	Digital Creativity
	Desktop Green Screen	https://apps.apple.com/gb/app/green-screen-by-droid/id730091131	Digital Creativity
	Real AR Zoo	https://apps.apple.com/ru/app/real-ar-zoo/id1529792093	Digital Creativity
	My Very Hungry Caterpillar AR	https://apps.apple.com/us/app/my-very-hungry-caterpillar-ar/id1417708146	Digital Creativity
	AR Moon	https://apps.apple.com/us/app/ar-moon-exploration-solar-system/id1375451134	Digital Creativity
	Backyard Apollo	https://apps.apple.com/gb/app/backyard-apollo-ar/id1258795104	Digital Creativity
	Barefoot Computing	https://www.barefootcomputing.org/earlyyears	Coding
	Beebot	https://www.its-group.co.uk/early-years/robotic-activities/100-robot-2020-2021	Coding
	Bluebot	https://www.its-group.co.uk/early-years/robotic-activities/100-robot-2020-2021	Coding
	Code-A-Pillar	https://www.its-group.co.uk/early-years/robotic-activities/100-robot-2020-2021	Coding
	Sphero Indi	https://sphero.com/apps/sphero-indi	Coding

LOGO	RESOURCE	LINK	STRAND
	Marty the Robot	https://robotical.io/	Coding
	Intello Smart Train	https://intello.com/	Coding
	Dash	https://uk.makewonder.com/dash/	Coding
	Hour of Code	https://hourofcode.com/uk/learn	Coding
	ABCA	https://www.abca.com/games/abca/typing	Core Skills
	Typing Games	https://www.typinggames.com/	Core Skills
	Sense-Lang	https://games.sense-lang.org/EN.php	Core Skills
	BBC Dance Mat	https://www.bbc.co.uk/bitesize/topics/t2f96k/articles/cb8d8f7d3kfb7h1	Core Skills
	Kids Type	https://www.kidstyping.com/learn/kids-typing/	Core Skills
	Wonder Doodler	https://www.bbc.co.uk/cbbc/games/little-roy-wonder-doodler	Core Skills
	J2Data	https://www.j2.com/j2data/	Core Skills
	TTS	https://www.its-group.co.uk/early-years/ict/communication-resources/	Core Skills
	London Grid for Learning	https://www.lgfl.net/appl/ict/earlyyears/	Useful Link
	Computing at School	https://www.computingschool.org.uk/news-and-blogs/2022/June/aspects-of-computing-in-the-early-years-foundation-stage-5/	Useful Link