

EYFS - Computing

Barefoot computing scheme

concepts	Algorithms , Decomposition, Debugging, Logic, Patterns, Abstraction	Creating, Pattern , Logic, Algorithms, Decomposition, Collaborating	Algorithms, Creating, Collaboration, Decomposition, Tinkering, Persevering	Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	Tinkering, Persevering, Patterns, Logic, Decomposition, Debugging, Collaborating, Algorithms
I know that/how to...	<p>I know how to talk about parts of the body and explain where to find them. (logical reasoning)</p> <p>I know how to recognise similarities and differences. (pattern)</p> <p>I know how to make a model independently (decomposition + abstraction)</p> <p>I know how to follow simple instructions (algorithms)</p> <p>I know how to fix a mistake (debugging)</p>	<p>I know how to spot mistakes in a pattern and fix them.</p> <p>I know how to use positional language to describe a route.</p> <p>I know how to follow simple instructions.</p>	<p>I know how to sequence instructions.</p> <p>I know how to break a task down into smaller steps.</p> <p>I know how to spot a pattern in a sequence.</p> <p>I know how to continue a pattern in a sequence.</p>	<p>I know how to work with others to solve a problem</p> <p>I know how to talk about direction</p> <p>I know how to group objects</p>	<p>I know how to sequence pictures in order.</p> <p>I know how to follow pictorial instructions.</p> <p>I know how to work with others to solve a problem</p>	<p>I know how to create a simple map for bee bot.</p> <p>I know how to move beebot using directional language.</p> <p>I can select and rotate 2d shapes to make a picture</p>
Vocabulary introduced/embedded	<p>Same, different, instruction</p> <p>Label</p> <p>Order, sequence</p> <p>Instruction, rules</p>	<p>Pattern, sequence, mistake, fix</p> <p>Maze, route, path, forwards, backwards, turn</p> <p>Instructions</p>	<p>Sequence, instruction,</p> <p>First, next, after that,</p> <p>Pattern, sequence, continue, extend</p>	<p>Forwards, backwards, left, right</p> <p>Same, different, pictogram, group,</p>	<p>Step, sequence, order, instructions</p> <p>Problem, fix, plan, label, create</p>	<p>Map, beebot, forwards, backwards, left, right</p> <p>2d shape, tangram, rotate, fix</p>

EYFS - E-Safety

Unit title								
	Self-image & identity	Online Relationships	Online Reputation	Online Bullying	Managing Online Information	Health, Wellbeing and lifestyle	Privacy and security	Copyright and ownership
I know that/how to...	<p>I can name and recognise uncomfortable, embarrassed, and upset emotions.</p> <p>I can recognise, online or offline, that anyone can say 'no thank you'/'please stop'/'I'll tell'/'I'll ask' to somebody who makes them feel sad, uncomfortable, embarrassed or upset</p>	<p>I can recognise some ways in which the internet can be used to communicate.</p> <p>I can give examples of how I (might) use technology with people I know.</p>	<p>I can identify ways that I can put information on the internet.</p>	<p>I can describe ways that some people can be unkind online</p> <p>I can offer examples of how this can make others feel.</p>	<p>I can talk about how to use the internet as a way of finding information online.</p> <p>I can identify devices I could use to access information on the internet</p>	<p>I can identify rules that help keep us safe and healthy in and beyond the home when I am using technology.</p> <p>I can give some simple examples of these rules</p> <p>I can apply these rules during my play</p> <p>I can link feelings to my online experiences</p>	<p>I can identify some simple examples of my personal information (e.g. name, address, birthday, age, location)</p> <p>I can describe who would be trustworthy to share this information with; I can explain why they are trusted.</p>	<p>I know that work I create belongs to me</p> <p>I can name my work so that others know it belongs to me</p> <p>I can express how I felt when I created this work</p> <p>I can share my work with a friend</p>
Vocabulary introduced/embedded	<p>Emotions • Sad • Uncomfortable • Embarrassed • Upset • Online • Offline</p> <p>Situation • Sad • Uncomfortable • Embarrassed • Upset • Online • Offline</p> <p>Sad • Uncomfortable • Embarrassed • Upset • Online • Offline • Trusted</p>	<p>Communicate</p> <p>Communicate • Technology</p>	<p>Technology • Internet</p> <p>Technology • Internet • Connect</p>	<p>Unkind • Worry • Sad • Nervous • Embarrassed • Upset • Experience</p> <p>Unkind • Online • Offline</p>	<p>Device • Internet</p>	<p>Rules • Healthy • Happy • Safe • Trusted adult</p> <p>Danger • Rules • Sad • Angry</p> <p>Technology • Rules</p>	<p>y Words: • Personal • Information • Location • Fact • Private</p> <p>Personal • Information • Trust • Trustworthy • Dangerous</p>	<p>Belong • Feel</p>