


# KS1 Computing Activities

There are lots of easy ways you can help your child to learn more about technology.

You could use the ideas below as starting points to help you do this:

<p><b>KS1 Objectives</b></p> <p>Use logical reasoning to predict the behaviour of simple programs.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><b>Suggested Activity</b></p> <p>Use Laptops – practise typing simple sentences or write a short story. Insert an image or picture in WORD or PowerPoint.</p>	<p><b>KS1 Objectives</b></p> <p>Recognise common uses of information technology beyond school</p> <p><b>Suggested Activity</b></p> <p>Talk about how I can use the internet to find things out. Give simple examples of how to find information (e.g. search engines, voice activated searching).</p>	<p><b>KS1 Objectives</b></p> <p>Understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions.</p> <p><b>Suggested Activity</b></p> <p>Use Beeb-bot Emulator  <a href="https://www.terrapinlogo.com/emu/beebot.html">https://www.terrapinlogo.com/emu/beebot.html</a></p>
<p><b>KS1 Objectives</b></p> <p>Understand how to stay safe online.</p> <p><b>Suggested Activity</b></p> <p>Identify rules that help keep us safe and healthy in and beyond the home when using technology. Give some simple examples. Learn about the SMART rules for online safety.</p>	<p><b>KS1 Objectives</b></p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p>Use logical reasoning to predict the behaviour of simple programs</p> <p><b>Suggested Activity</b></p> <p>Download 'Picollage' to create a learning poster. Children can insert text, change font colour and size as well as adding images.</p>	<p><b>KS1 Objectives</b></p> <p>Use logical reasoning to predict the behaviour of simple programs.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><b>Suggested Activity</b></p> <p>Use 'Sketch Pad' to draw, create and share digital artwork.  <a href="https://sketch.io/sketchpad/">https://sketch.io/sketchpad/</a></p> 

## Useful Web links

### Child Net E Safety Resources

<https://www.childnet.com/resources>



Smartie the Penguin



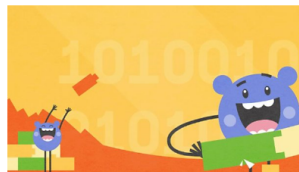
Digiduck Stories

### BBC Bitesize

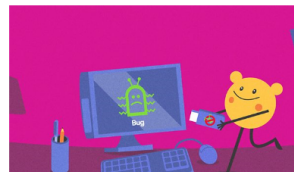
<https://www.bbc.co.uk/bitesize/subjects/zyhbwmn>



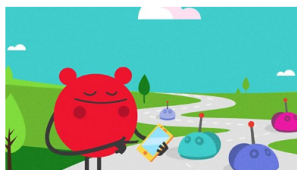
What is an algorithm?



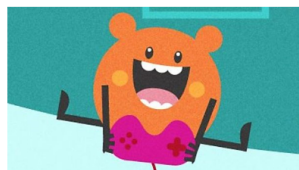
What is code?



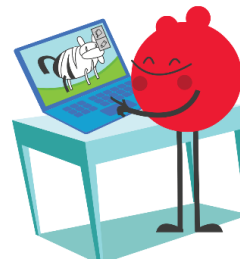
What are computer bugs?



How do you program a robot?



How do computer games work?



### Beebot Interactive Program

<https://www.terrapiinlogo.com/emu/beebot.html>



<http://www.crickweb.co.uk/Key-Stage-1.html>



<https://www.bbc.co.uk/cbeebies/stories>

