

KS2 COMPUTING CHALLENGES

<p>Try being the computer and follow the code instructions.</p> <p>http://compute-it.toxicode.fr/?hour-of-code</p>	<p>Learn about and make your own encrypted messages.</p> <p>Lesson 1 Lesson 2 Lesson 3 Lesson 4</p>	<p>Three lessons about the internet and online publishing:</p> <p>Lesson1 Lesson 2 Lesson 3</p>	<p>A variety of fun coding challenges/games.</p> <p>https://www.tynker.com/hour-of-code/</p>
<p>Scratch Character Coding Activity</p> <p>https://scratch.mit.edu/projects/editor?tutorial=talking</p>	<p>Lightbot – Learn to code using functions and loops</p> <p>https://lightbot.com/hour-of-code.html</p>	<p>Offline fun: Create a drawing and then give someone in the house exact instructions for how to draw the same picture – then compare your drawings.</p> <p>Here’s an example: https://youtu.be/fjF2ALrdd5A</p>	<p>Offline fun: Make a Lego Code Maze</p> <p>Build a maze and right an algorithm (instructions) to solve the maze.</p> <p>https://www.youtube.com/watch?v=c6Znf-M2y1s</p>
<p>Kodable fun and free coding games:</p> <p>https://www.kodable.com/hour-of-code</p>	<p>Playdough Faces:</p> <p>Make playdough faces following instructions.</p> <p>Click here</p>	<p>GO RETRO! Make your own retro arcade games with Microsoft:</p> <p>https://arcade.makecode.com/hour-of-code/</p>	<p>RETRO PAC MAN! GET INSPIRED</p> <p>Feeling confident and ready for some hard work? This is an example of what can be achieves in scratch.</p> <p>https://scratch.mit.edu/projects/97137611/fullscreen/</p> <p>Follow this tutorial to create your own version of Pacman using scratch online. You will need to create an account to save your progress and you will need to use the LOOK INSIDE tool to view the code you need:</p> <p>https://scratch.mit.edu/studios/1987464/</p>