














Create and Develop Programs	Reasoning	Networks and Search Engines
<p><b>Scratch Tinkering (use as an intro before Scratch)</b></p>   <p>Tinkering    Programming</p> <p><a href="https://barefootcas.org.uk/barefoot-primary-computing-resources/computational-thinking-approaches/tinkering/key-stage-1-2-activity-scratch-tinkering/">https://barefootcas.org.uk/barefoot-primary-computing-resources/computational-thinking-approaches/tinkering/key-stage-1-2-activity-scratch-tinkering/</a></p> <p><b>Crazy Character Algorithms</b></p>     <p>Algorithms    Decomposition    Logic    Debugging</p> <p><b>Activity: An introduction to sequences of instructions (years 3 &amp; 4)</b></p>	<p><b>Introduction to Decomposition</b> Unplugged Activity: Tut, clap or jive</p> <hr/>  <p>Decomposition</p> <p><a href="https://barefootcas.org.uk/sample-resources/decomposition/ks12-introduction-decomposition-unplugged-activity/">https://barefootcas.org.uk/sample-resources/decomposition/ks12-introduction-decomposition-unplugged-activity/</a></p> <p><b>2D Shape Drawing Activity</b></p>     <p>Algorithms    Logic    Debugging    Collaborating</p> <p><a href="https://barefootcas.org.uk/barefoot-primary-computing-resources/exemplar-activities/ks2-2d-shape-drawings-activity/">https://barefootcas.org.uk/barefoot-primary-computing-resources/exemplar-activities/ks2-2d-shape-drawings-activity/</a></p>	 <p><a href="https://www.bbc.co.uk/bitesize/clips/zspbcdm">https://www.bbc.co.uk/bitesize/clips/zspbcdm</a></p>  <p><a href="http://www.kidsmart.org.uk/safesearching/">http://www.kidsmart.org.uk/safesearching/</a></p>

Year 3 LTP/resources

<https://barefootcas.org.uk/programme-of-study/understand-algorithms/ks1-crazy-character-algorithms-activity/>




**Dinosaur Fossil Animation  
Activity Scratch**

<https://barefootcas.org.uk/progra>

Concepts and approaches



[mme-of-study/use-sequence-in-programs/lower-ks2-activity-dinosaur-fossil-animation-sequence-activity/](https://barefootcas.org.uk/programme-of-study/use-sequence-in-programs/lower-ks2-activity-dinosaur-fossil-animation-sequence-activity/)

Using Programs	Safe Use
<p>Computer Networks – what networks are in my school?</p>  <p><a href="http://code-it.co.uk/netintsearch">http://code-it.co.uk/netintsearch</a></p> <p>Network Hunt (Barefoot)</p>  <p><b>Computer Networks</b></p> <p><a href="https://www.barefootcomputing.org/resources/network-hunt-activity">https://www.barefootcomputing.org/resources/network-hunt-activity</a></p>	<p>The adventures of Kara Winston and the Smart crew – 5 steps to stay safe online</p>  <p><b>Childnet</b> International</p> <p><a href="https://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew">https://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew</a></p> <p><b>Be Internet Legends.</b></p> <p><a href="https://beinternetawesome.withgoogle.com/en_uk/toolkit">https://beinternetawesome.withgoogle.com/en_uk/toolkit</a></p>