










<p><b>Create and Develop Programs</b></p>	<p><b>Reasoning</b></p>	<p><b>Networks and Search Engines</b></p>
<p>  <b>Crumble Kits</b>  <a href="https://redfernelectronics.co.uk/crumble-getting-started/">https://redfernelectronics.co.uk/crumble-getting-started/</a>                      Crumble Lighthouse project – TES                 </p> <p> <b>Introduction to Pattern Unplugged Activity: Reusing Recipes</b> </p> <p>    <a href="https://barefootcas.org.uk/barefoot-primary-computing-resources/concepts/patterns/ks2-introduction-to-pattern-unplugged-activity-reusing-recipes/">https://barefootcas.org.uk/barefoot-primary-computing-resources/concepts/patterns/ks2-introduction-to-pattern-unplugged-activity-reusing-recipes/</a> </p> <p><b>Year 6- Scratch Project</b></p>	<p> <b>Animated Poem Decomposition Activity</b>                      (complete decomposition unplugged activity first: tut, clap, jive)                 </p> <p>                          Decomposition   Programming   Creating                 </p> <p> <a href="https://barefootcas.org.uk/programme-of-study/solve-problems-decomposing-smaller-parts/ks2-animated-poem-decomposition-activity/">https://barefootcas.org.uk/programme-of-study/solve-problems-decomposing-smaller-parts/ks2-animated-poem-decomposition-activity/</a> </p> <p> <b>Shapes and Crystal Flowers Activity</b> </p>	<p>                          Internet Services   Computer Networks   Computer Systems                 </p> <p> <b>Modelling the Internet</b> – how does the internet work? What can we trust?                 </p> <p> <a href="https://www.barefootcomputing.org/my-barefoot/learning-objectives/multiple-services-provided-by-networks-and-the-internet-such-as-the-world-wide-web">https://www.barefootcomputing.org/my-barefoot/learning-objectives/multiple-services-provided-by-networks-and-the-internet-such-as-the-world-wide-web</a> </p> <p>  <b>Evaluating Digital Content</b>   <b>Evaluating Digital Content</b> – which source do I trust?                 </p> <p> <a href="https://www.bbc.co.uk/bitesize/clips/zw8mtfr">https://www.bbc.co.uk/bitesize/clips/zw8mtfr</a> </p>

**Folder: Computing Scheme of Work KS2**

Creates a maths game using variables and inputs in Scratch.

**Viking Raid Animation Activity**

[https://barefootcas.org.uk/program](https://barefootcas.org.uk/programme-of-study/use-sequence-in-programs/upper-ks2-viking-raid-animation-activity/)



[mme-of-study/use-sequence-in-programs/upper-ks2-viking-raid-animation-activity/](https://barefootcas.org.uk/programme-of-study/use-sequence-in-programs/upper-ks2-viking-raid-animation-activity/)



Repetition



Programming

<https://barefootcas.org.uk/programme-of-study/use-repetition-programs/ks2-shapes-crystal-flowers-repetition-activity/>

**Maths Quiz Selection Activity (Differentiate for year group)**

[https://barefootcas.org.uk/programme](https://barefootcas.org.uk/programme-of-study/use-selection-programs/ks2-maths-quiz-selection-activity/)



Selection



Programming



Debugging



Collaborating

[me-of-study/use-selection-programs/ks2-maths-quiz-selection-activity/](https://barefootcas.org.uk/programme-of-study/use-selection-programs/ks2-maths-quiz-selection-activity/)

**Teach**

**Fake News – how to spot fake news?**

<https://www.bbc.co.uk/programmes/articles/4fRwvHcfr5hYMMltFqvP6qF/help-your-students-spot-false-news>

**Introduction to HTML with Mozilla X-Ray-Goggles**



HTML



Decomposition








Tinkering



Debugging

<https://barefootcas.org.uk/barefoot-primary-computing-resources/concepts/html/ks2-introduction-to-html-with-mozilla-x-ray-goggles/>

Using Programs	Safe Use
<p><b>Collect and record data –</b> use survey monkey to create a survey linked to topic work, collect data and then find the best way to record data in a graph/chart.</p>  <p> <b>Excel</b> – record and process data (digital literacy)</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>  <p>Fakebook – what can we trust online? Be who you want to be.</p>  <p>NSPCC – Share Aware</p> <p><a href="https://www.nspcc.org.uk/preventing-abuse/keeping-children-safe/share-aware/">https://www.nspcc.org.uk/preventing-abuse/keeping-children-safe/share-aware/</a></p>  <p><b>ThinkUKnow</b> – Bandrunner game</p> <p><a href="https://www.thinkuknow.co.uk/8_10/">https://www.thinkuknow.co.uk/8_10/</a></p>

## Year 6 LTP/Computing Resources