

## Software and hardware

The Teach Computing Curriculum units require the use of a combination of hardware, software, and websites. Outlined below are:

- Specific hardware requirements
- Software that requires installation on the school network, or online software that requires pupils to have an account
- Websites that will need to be accessed by pupils during the unit

**Note:** It may be useful to make the manager of your network aware of all hardware, software, and website requirements before delivering a unit to a class.

	Software or hardware	Websites
7.1 – Clear messaging in digital media	<ul style="list-style-type: none"> <li>■ Canva - Pupil accounts</li> <li>■ Presentation software with built-in online collaboration tools (eg Google Slides)</li> </ul>	<ul style="list-style-type: none"> <li>■ <a href="http://www.canva.com/colors/color-wheel/">www.canva.com/colors/color-wheel/</a></li> <li>■ <a href="http://www.unsplash.com">www.unsplash.com</a></li> </ul>

	Software or hardware	Websites
7.2 – Networks - from semaphores to the internet		<ul style="list-style-type: none"> <li>■ <a href="http://www.bbc.co.uk/bitesize/guides/z36nb9q/revision/2">www.bbc.co.uk/bitesize/guides/z36nb9q/revision/2</a></li> <li>■ <a href="http://www.nibusinessinfo.co.uk/content/benefits-computer-networks">www.nibusinessinfo.co.uk/content/benefits-computer-networks</a></li> <li>■ <a href="http://www.speedtest.net">www.speedtest.net</a></li> <li>■ <a href="http://www.youtube.com/watch?v=Dxcc6ycZ73M">www.youtube.com/watch?v=Dxcc6ycZ73M</a></li> <li>■ <a href="http://www.submarinemap.com">www.submarinemap.com</a></li> <li>■ <a href="http://www.youtube.com/watch?v=ewrBaIT_eBM">www.youtube.com/watch?v=ewrBaIT_eBM</a></li> <li>■ <a href="http://lifehacks.io/facts-about-the-internet">lifehacks.io/facts-about-the-internet</a></li> <li>■ <a href="http://www.youtube.com/watch?v=ZTM9GA-4nBA">www.youtube.com/watch?v=ZTM9GA-4nBA</a></li> <li>■ <a href="http://seotribunal.com/blog/google-stats-and-facts">seotribunal.com/blog/google-stats-and-facts</a></li> <li>■ <a href="http://www.bbc.co.uk">www.bbc.co.uk</a></li> <li>■ <a href="http://www.lifewire.com/most-common-tlds-internet-domain-extensions-817511">www.lifewire.com/most-common-tlds-internet-domain-extensions-817511</a></li> <li>■ <a href="http://www.yougetsignal.com/tools/network-location/">www.yougetsignal.com/tools/network-location/</a></li> </ul>
7.3 – Using media - Gaining support for a cause	<ul style="list-style-type: none"> <li>■ Word processing software (eg Google Docs or Microsoft Word)</li> <li>■ Software to create a blog (eg word processing software, Google Sites, Microsoft Sway)</li> </ul>	<ul style="list-style-type: none"> <li>■ <a href="http://www.youtube.com/watch?v=q0VzUigrb_g&amp;feature=emb_logo">www.youtube.com/watch?v=q0VzUigrb_g&amp;feature=emb_logo</a></li> <li>■ <a href="http://creativecommons.org/choose">creativecommons.org/choose</a></li> <li>■ <a href="http://search.creativecommons.org">search.creativecommons.org</a></li> <li>■ <a href="http://foodhero.com/en/blogs/reduce-meat-consumption">foodhero.com/en/blogs/reduce-meat-consumption</a></li> <li>■ <a href="http://www.plasticpollutioncoalition.org">www.plasticpollutioncoalition.org</a></li> <li>■ <a href="http://www.conserve-energy-future.com/various-deforestation-facts.php">www.conserve-energy-future.com/various-deforestation-facts.php</a></li> <li>■ <a href="http://news.sky.com/story/sheep-registered-as-pupils-in-bid-to-save-classes-at-french-alps-primary-school-11714338">news.sky.com/story/sheep-registered-as-pupils-in-bid-to-save-classes-at-french-alps-primary-school-11714338</a></li> </ul>

	Software or hardware	Websites
7.3 – Using media - Gaining support for a cause (cont.)		<ul style="list-style-type: none"> <li>■ <a href="https://en.wikipedia.org/wiki/Wikipedia:About#Strengths,_weaknesses,_and_article_quality_in_Wikipedia">en.wikipedia.org/wiki/Wikipedia:About#Strengths,_weaknesses,_and_article_quality_in_Wikipedia</a></li> <li>■ <a href="http://computer.howstuffworks.com/internet/basics/wiki1.htm">computer.howstuffworks.com/internet/basics/wiki1.htm</a></li> <li>■ <a href="http://www.livescience.com/7946-wikipedia-accurate.html">www.livescience.com/7946-wikipedia-accurate.html</a></li> <li>■ <a href="http://climate.nasa.gov/evidence">climate.nasa.gov/evidence</a></li> <li>■ <a href="http://www.realclimate.org/index.php/archives/2019/04/first-successful-model-simulation-of-the-past-3-million-years-of-climate-change">www.realclimate.org/index.php/archives/2019/04/first-successful-model-simulation-of-the-past-3-million-years-of-climate-change</a></li> </ul>
7.4 – Programming essentials in Scratch - part I	<ul style="list-style-type: none"> <li>■ Scratch</li> </ul>	<ul style="list-style-type: none"> <li>■ <a href="https://scratch.mit.edu">scratch.mit.edu</a></li> <li>■ <a href="https://en.wikipedia.org/wiki/Five_Little_Ducks">en.wikipedia.org/wiki/Five_Little_Ducks</a></li> <li>■ <a href="https://en.wikipedia.org/wiki/Software_bug">en.wikipedia.org/wiki/Software_bug</a></li> </ul>
7.5 – Programming essentials in Scratch - part II	<ul style="list-style-type: none"> <li>■ Scratch</li> </ul>	<ul style="list-style-type: none"> <li>■ <a href="https://scratch.mit.edu">scratch.mit.edu</a></li> </ul>
7.6 – Modelling data using spreadsheets	<ul style="list-style-type: none"> <li>■ Spreadsheet software (eg Google Sheets or Microsoft Excel)</li> <li>■ Online form creator (eg Google Forms or Microsoft Forms)</li> </ul>	<ul style="list-style-type: none"> <li>■ <a href="https://en.wikipedia.org/wiki/2016_Summer_Olympics_medal_table">en.wikipedia.org/wiki/2016_Summer_Olympics_medal_table</a></li> <li>■ <a href="https://en.wikipedia.org/wiki/2018%E2%80%9319_Premier_League">en.wikipedia.org/wiki/2018%E2%80%9319_Premier_League</a></li> <li>■ <a href="https://socialblade.com/youtube">socialblade.com/youtube</a></li> <li>■ <a href="http://www.weatheronline.co.uk/weather/maps/current?LANG=en&amp;CONT=euro&amp;LAND=UK&amp;REGION=0003&amp;SORT=2&amp;UD=0&amp;INT=06&amp;TYP=niederschlag&amp;ART=tabelle&amp;RUBRIK=akt&amp;DATE=-&amp;CEL=C&amp;SI=mph">www.weatheronline.co.uk/weather/maps/current?LANG=en&amp;CONT=euro&amp;LAND=UK&amp;REGION=0003&amp;SORT=2&amp;UD=0&amp;INT=06&amp;TYP=niederschlag&amp;ART=tabelle&amp;RUBRIK=akt&amp;DATE=-&amp;CEL=C&amp;SI=mph</a></li> </ul>