

<p>6th Form Preparation work for ICT</p> <p>Week 3 and 4</p>	 <p>Create a timeline of all of the major technological breakthroughs in the last 70 years.</p> <p><i>Time: 2 hr</i></p>	 <p>Create a presentation to explain the location how and where different information can be stored (e.g. developing country, developed country, urban, rural, home, workplace)</p> <p>Time: 1 hour</p>	 <p>Listen to this podcast exploring the physics of electricity: why some materials conduct it and others do not, and how these properties can be usefully exploited.</p> <p>Conductors and Semiconductors BBC: In Our Time podcast <i>Time: 1hr</i></p>
 <p>Watch this TED talk about the global digital divide. The electronic divide between those who have and have not.</p> <p>The Digital Divide TedTalk - Roopal Kondepudi <i>Time: 0.5hr</i></p>	 <p>Listen to this podcast episode. The story of packet switching, how computers learned to talk to each other.</p> <p>Connected Thinking Computing Britain podcast <i>Time: 0.5 hr</i></p>	 <p>Complete a fact sheet about the following types of Software:</p> <p>Operating Systems, Application Software and Utility Software.</p> <p><i>Time: 2hrs</i></p>	 <p>Watch A funny look at the unintended consequences of technology.</p> <p>Technology should work for us, but what happens when it doesn't?</p> <p>A funny look at the unintended consequences of technology TedTalk <i>Time: 0.5hr</i></p>
 <p>Listen to this podcast episode. This episode explores the pervasive fear that the computer would lead to mass unemployment.</p> <p>The Job Killer Computing Britain podcast</p>	 <p>Write a comparison of technologies available and access issues across the global divide (e.g. between developed and developing countries).</p>	 <p>Listen to this podcast episode. Hannah Fry describes some 1980s efforts to inspire Britain to embrace computing, the birth of the BBC Micro and computers in schools.</p> <p>Computers in Class Computing Britain podcast</p>	 <p>Create a profile of the holders of information, i.e.: categories of holders (individual citizens, businesses, educational institutions, governments, charities, healthcare services and community organisations)</p>

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