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 <p>Watch the series of videos explaining the mechanics of computers. This is a Computer Science channel but the information is about IT systems.</p> <p><u>Mechanics of Computers</u> Crash Course Computer Science - YouTube Time: 2hr</p>	 <p>Listen to this podcast episode. Hannah Fry travels back to the 1940s to hear the incredible story of the creation, in Britain, of computer memory.</p> <p><u>Digital Brains</u> Computing Britain podcast Time: 0.5 hr</p>	 <p>Complete a profile of the following pieces of Hardware: The CPU, Memory – RAM and ROM, Storage – Technologies like magnetic HDD, SSD, Optical. Create a table with a description of each in detail.</p> <p>Time: 2hrs</p>	 <p>Watch the TED talk. In this wide-ranging, thought-provoking talk, Kevin Kelly muses on what technology means in our lives -- from its impact at the personal level to its place in the cosmos.</p> <p><u>Technologies Epic Story</u> TED Talks – Kevin Kelly Time: 0.5hr</p>
 <p>Complete a mind map on the specification (give link) and reduce the topics that you will cover in year 1 into a mind map. Focus on Unit 2 & 6</p> <p>For extension, you could branch out your mind map and start to add topic details using prior knowledge.</p>	 <p>Read these sections on types of computer systems. There are 9 types. Create notes on each type of computer system and their uses. This is information about how computer systems are used in all areas of society.</p> <p><u>Types of Computer Systems</u> Teach ICT</p>	 <p>Listen to this podcast episode. Hannah Fry explores ERNIE, a machine made by wartime code-breakers which became an unlikely celebrity.</p> <p><u>ERNIE picks prizes</u> Computing Britain podcast</p>	 <p>Read this article and answer this question: Does a USB drive get heavier as you store more files on it?</p> <p><u>Does a USB drive get heavier - article</u> Science Focus</p>

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