



Declarative, Procedural and Disciplinary Knowledge and Skill Tracker

Computing - Present

	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
<p>Declarative Knowledge</p> <p>(Declarative knowledge is explicit knowledge about facts, histories, ideas, topics, principles and concepts)</p>	<p>I can use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p>	<p>I am able to use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p>I can select and use software on digital devices to design and create content that accomplish given goals, including collecting, analysing evaluating and presenting information.</p>	<p>I am able to use technology purposefully to create, organise, store, manipulates and retrieve digital content. I understand computer networks including the Internet can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.</p> <p>I can select, use and combine a variety of software including Internet services on a range of digital devices to design and create a range of programs systems and content that accomplish given goals including collecting, analysing, evaluating and presenting data and information.</p>
<p>Procedural Knowledge</p> <p>(It can be simply stated as knowing how to do something)</p>	<p>I am able to apply information technology to solve problems.</p> <p>I can add slides, text and pictures from the web to make my presentation.</p> <p>I can share my presentation with other people.</p>	<p>I can use powerpoint with increasing skill and am able to learn what the tools on the tool bar can do to help my presentation.</p> <p>I can use the voice record feature so others can hear and watch my presentation from anywhere in the world.</p> <p>I can use information from my own learning and the web to make my presentations personalised and interesting for example using charts and graphs.</p>	<p>I can use powerpoint and Google slides to create presentations for a range of purposes and audiences. I am able to use the slides in my presentation to enhance what I am presenting rather than act as the script for my presentation from which I read.</p> <p>I can select the right tools at the right time from the toolbar to make my presentation interesting but not overwhelming.</p>
<p>Disciplinary Knowledge</p> <p>(This is Best described as the action taken within a particular subject to gain knowledge i.e. how we gain substances knowledge. For example, in history this might mean using evidence to construct a claim. Meanwhile, in science it might mean testing hypotheses. In music, it might mean reading and writing notation. As you can see it really is quite distinct with each domain)</p>	<p>As a researcher I can research information in a given subject area.</p> <p>As a presenter I can use digital media to make digital presentations.</p>	<p>As a researcher I can use the internet and my own learning to chose appropriate material to use in a presentation.</p> <p>As a presenter I can use digital media and different digital approaches to present content in a creative way for example - collecting, analysing evaluating and presenting information.</p>	<p>As a researcher I can use multiple sources of information from a range of media and discern which content is most appropriate and question if the content is real or fake.</p> <p>As a presenter I can use digital media and different digital devices to present content in increasingly complex ways for example - collecting, analysing, evaluating and presenting data and information.</p>