

TECHNOLOGIES SECOND LEVEL

TECHNOLOGICAL DEVELOPMENTS IN SOCIETY ICT TO ENHANCE LEARNING BUSINESS CONTEXTS FOR DEVELOPING TECHNOLOGICAL SKILLS AND KNOWLEDGE COMPUTING SCIENCE
CONTEXTS FOR DEVELOPING TECHNOLOGICAL SKILLS AND KNOWLEDGE FOOD AND TEXTILES CONTEXTS FOR DEVELOPING TECHNOLOGICAL SKILLS AND KNOWLEDGE CRAFT, DESIGN, ENGINEERING AND GRAPHICS CONTEXTS FOR DEVELOPING TECHNOLOGICAL SKILLS AND KNOWLEDGE

Overarching		
I am developing my knowledge and use of safe and acceptable conduct as I use different technologies to interact and share experiences, ideas and information with others. TCH 2-08a		
P5	P6	P7
<p><i>I explore and experiment with the features and functions of computer technology and I can use what I learn to support and enhance my learning in different contexts. TCH 2-04a</i></p> <p><i>I can create, capture and manipulate sounds, text and images to communicate experiences, ideas and information in creative and engaging ways. TCH 2-04b</i></p> <p>Through discovery and imagination, I can develop and use problem solving strategies to meet design challenges with a food or textile focus. TCH 2-11a</p> <p>Having evaluated my work, I can adapt and improve, where appropriate, through trial and error or by using feedback. TCH 2-11b</p> <p>I can use drawing techniques, manually or electronically, to represent objects or ideas, enhancing them using effects such as light, shadow and textures. TCH 2-15a</p> <p>Throughout my learning, I experiment with the use of colour to develop an awareness of the effects and impacts it can have. TCH 2-15b</p>	<p>When exploring technologies in the world around me, I can use what I learn to help to design or improve my ideas or products. TCH 2-01a</p> <p>I can investigate how an everyday product has changed over time to gain an awareness of the link between scientific and technological developments. TCH 2-01b</p> <p>As I extend and enhance my knowledge of features of various types of software, including those which help find, organise, manage and access information, I can apply what I learn in different situations. TCH 2-03a</p> <p>Throughout all my learning, I can use search facilities of electronic sources to access and retrieve information, recognising the importance this has in my place of learning, at home and in the workplace. TCH 2-03b</p> <p>Using appropriate software, I can work collaboratively to design an interesting and entertaining game which incorporates a form of control technology or interactive multimedia. TCH 2-09a</p> <p>By applying my knowledge and skills of science and mathematics, I can engineer 3D objects which demonstrate strengthening, energy transfer and movement. TCH 2-12a</p>	<p>Having analysed how lifestyle can impact on the environment and Earth's resources, I can make suggestions about how to live in a more sustainable way. TCH 2-02a</p> <p>I can investigate the use and development of renewable and sustainable energy to gain an awareness of their growing importance in Scotland or beyond. TCH 2-02b</p> <p>I am developing my knowledge and use of safe and acceptable conduct as I use different technologies to interact and share experiences, ideas and information with others. TCH 2-08a</p> <p>During practical activities and design challenges, I can estimate and measure using appropriate instruments and units. TCH 2-13a</p> <p>Through discovery and imagination, I can develop and use problem solving strategies to construct models. TCH 2-14a</p> <p>Having evaluated my work, I can adapt and improve, where appropriate, through trial and error or by using feedback. TCH 2-14b</p>
SUGGESTED CROSS CURRICULAR LINKS AS PER CfE DOCUMENT		
<p>By experiencing the setting up and running of a business, I can collaborate in making choices relating to the different roles and responsibilities and have evaluated its success. SOC 2-22a</p> <p>When preparing and cooking a variety of foods, I am becoming aware of the journeys which foods make from source to consumer, their seasonality, their local availability and their sustainability. HWB 2-35a</p>		