

# Meta Skills Development in CDT

Meta Skill 1:	Creativity	Primary
Developed through:		
<ul style="list-style-type: none"> <li>➤ Designing a range of ideas that will satisfy a design brief that demonstrate <b>imagination</b> in a variety of practical contexts at level 2,3 and 4.</li> <li>➤ Creating a range of Graphic Designs (Magazine covers, Packaging, Bus stop advertisements etc) that allows them to <b>visualise</b> their ideas as a series of images.</li> <li>➤ Model making of bridges and outdoor furniture allows them to test their <b>maker mentality</b> to find solutions and generate ideas.</li> </ul>		

Meta Skill 2:	Focussing	Primary
Developed through:		
<ul style="list-style-type: none"> <li>➤ Working independently on a variety of practical projects in the school workshop. Working within level 2,3 &amp; 4, learners will develop their ability to focus, <b>sorting</b> the information from a working drawing, paying <b>attention</b> to teacher modelling of skills and then attempting to replicate this and <b>filtering</b> through approaching projects in the correct chronological order. The complexity of the tasks they carry out with increase as they move through their Winchburgh experience</li> </ul>		

Meta Skill 3:	Collaborating	Primary
Developed through:		
<ul style="list-style-type: none"> <li>➤ <b>Teamworking and collaboration</b> to analyse existing products in our world.</li> <li>➤ <b>Working collaboratively</b> in PBL to design and make</li> <li>➤ Developing solutions to real-world challenges as a group, such as designing water fountains for areas of the world affected by droughts.</li> <li>➤ <b>Presenting</b> their projects/findings to classmates/teacher.</li> </ul>		

Meta Skill 4:	Communicating	Secondary
Developed through:		
<ul style="list-style-type: none"> <li>➤ <b>Receiving information</b> through CAD technical drawings, interpreting these, and making them into 3D CAD models within a Graphic context.</li> <li>➤ <b>Listening</b> to others across the learning environment to build knowledge, skills, and ability.</li> <li>➤ <b>Giving information</b> in a variety of different formats, such as visually through the ability to produce interesting Graphic Designs and working drawings of practical projects through level 2, 3 and 4 contexts.</li> </ul>		

Meta Skill 5:	Curiosity	Secondary
Developed through:		
<ul style="list-style-type: none"> <li>➤ <b>Observing</b> and using a range of woodworking tools, machines, and power tools in the workshop environment.</li> <li>➤ <b>Asking questions</b> about new concepts or equipment to improve their understanding.</li> </ul>		

- **Identifying problems** with their design work through evaluation and being to find solutions that will solve the issues.

Meta Skill 6:	Initiative	Secondary
Developed through:		
<ul style="list-style-type: none"><li>➤ Assessing a variety of <b>risks</b> and understanding how to keep themselves safe in workshop environment.</li><li>➤ <b>Responsibility</b> for their working area, ensuring collective responsibility for all areas to be left as they are found.</li><li>➤ <b>Independent thinking</b> through a variety of practical and graphical design challenges which encourage independence and personalisation.</li></ul>		