

Meta Skills Development in CDT

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

Meta Skill 2:	Focussing	Primary
Developed through: <ul style="list-style-type: none"> ➤ Working independently on a variety of practical projects in the school workshop. Working within level 2,3 & 4, learners will develop their ability to focus, sorting the information from a working drawing, paying attention to teacher modelling of skills and then attempting to replicate this and filtering 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 		

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

Meta Skill 4:	Communicating	Secondary
Developed through: <ul style="list-style-type: none"> ➤ Receiving information through CAD technical drawings, interpreting these, and making them into 3D CAD models within a Graphic context. ➤ Listening to others across the learning environment to build knowledge, skills, and ability. ➤ Giving information 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. 		

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

- | |
|---|
| ➤ 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:		
➤ Assessing a variety of risks and understanding how to keep themselves safe in workshop environment.		
➤ Responsibility for their working area, ensuring collective responsibility for all areas to be left as they are found.		
➤ Independent thinking through a variety of practical and graphical design challenges which encourage independence and personalisation.		