

## Year 8 Sheetmetal Unit Curriculum Overview

Week	Learning Focus	Strand & Substrand.
1-2	<ul style="list-style-type: none"> <li>Review measuring, marking, cutting and folding.</li> <li>Introduction to and practise of the “Knock up joint”</li> </ul>	Technologies contexts.  Investigate and make judgements on how the characteristics and properties of materials are combined with force, motion and energy to create engineered solutions. VCDSTCO45
2-6	<ul style="list-style-type: none"> <li>Create a small carry-all toolbox using the skills introduced previously</li> <li>Students reflect on their completed item and using feedback from the teacher, set future learning goals</li> </ul>	
6-10	<ul style="list-style-type: none"> <li>Design and production of a custom toolbox , specific to individual students requirements</li> </ul>	
10	<ul style="list-style-type: none"> <li>Students evaluate their completed model</li> </ul>	

Note: This is a guide to the terms planned structure. Some junior classes end up being 7 weeks due to a shorter term and timetable clashes with sports days. Music lessons, public holidays, a school camp all reduce class time so the intended ‘full’ year 8 sheetmetal abilities are not reached.

## Year 8 Sheetmetal Unit e5 Teaching Plan

Week	E5 Capability	Learning Focus	Strand & Substrand.
1-2	Engage Evaluate Explore Explain	Review measuring, marking, cutting and folding.  Introduction to and practise of the “Knock up joint”	Technologies contexts.  Investigate and make judgements on how the characteristics and properties of materials are combined with force, motion and energy to create engineered solutions. VCDSTCO45
2-6	Engage Explain  Evaluate	Create a small carry-all toolbox using the skills introduced previously  Students reflect on their completed item and using feedback from the teacher, set future learning goals	
6-10	Engage Elaborate	Design and production of a custom toolbox , specific to individual students requirements	
10	Evaluate	Students evaluate their completed model	