



Course Outline

Pupils are required to successfully complete **four** unit assessments as follows:

Practical Metalworking: Bench Skills (National 4)

This Unit helps learners develop a range of metalworking hand tool skills including simple bench-fitting work, basic sheet-metal work and simple measuring and marking out work. The ability to read and interpret simple drawings and diagrams is developed in this Unit.

Practical Metalworking: Machine Processes (National 4)

This Unit helps learners build measuring and marking out skills and to develop skills in using common metalwork machines, equipment and related processes. Learners will work with an appropriate range of metals.

Practical Metalworking: Fabrication and Thermal Joining (National 4)

This Unit helps learners develop skills in fabrication, forming and joining of simple metalwork components. Learners will develop skills in thermal joining techniques. They will also build skills in measuring and marking out.

Added Value Unit: Making a Finished Product from Metal (National 4)

This Unit requires learners to draw on and extend their range of practical metalworking experiences and skills in order to produce an effective overall response to the task. The practical activity will be sufficiently open and flexible to allow for personalisation and choice.

To improve on his current performance with **National 4 Practical Metalworking** your child could use some of the following strategies:-

| Strategy | ✓ |
|---|---|
| Attend class regularly | |
| Be on time for all classes | |
| Apply more effort in class to ensure all work is complete | |
| Work safely and follow teacher instructions at all times | |
| Inform the teacher of areas of work that are proving problematic | |
| Ensure deadlines are met for SQA assignments and projects | |
| Ensure all practical work is undertaken neatly and accurately | |
| Ensure all written work is presented neatly and accurately | |
| Ensure that log books and record of work sheets are completed | |
| Complete all homework tasks set and submit them on time | |
| Attend supported study classes on offer | |
| Read text book and course notes issued to develop knowledge and understanding | |
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Websites –

<http://www.technologystudent.com/>

<https://www.bbc.com/education/subjects/zyfb87h>

<http://www.bannermanhigh.glasgow.sch.uk/>

Point of contact – Mr J Marshall

