



# CANBERRA HIGH SCHOOL - Technology Learning overview for Term 1

## Subject: 10 Metal Technology

During Term 1, students will learn, discover and develop skills in Metalwork and design. This term will have an underlying theme of learning how to cut and join metal forms. Emphasis will be placed on skill development, safe and appropriate use of tools and equipment and attention to detail. Work and communication will occur in class and within your child's Google Classroom page.

Week	Topic	Content/Activity/Tasks
1	Introduction and safety	Introduction to the course, safety expectations, PPE, safety features of the workshop. Safety booklet and tests
2	Technical drawing Measuring and marking out metal	Drawing project plans Marking out project 1
3	Metals Tools - Cutting	Properties and characteristics of different metals Tools used for cutting metal and their differences
3	Project 1 - cutting	Demonstration of correct use and safety considerations of cutting equipment. Cutting and shaping project
4	Project 1 - folding	Folding metal, tools, safety considerations Folding and assembling project.
5	Project 1 - finishing	Completing project and finishing techniques.
6	Project 2 - design briefs, design process	Introduction to design process, mini design challenge, introduction to project 2.
7	Project 2 - design briefs, design process	Analysing design briefs and creating designs for project 2, creating prototypes.



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8	Project planning	Costing projects and planning construction sequence.
9	Project 2 - measuring, marking, cutting	Begin measuring, marking and cutting project 2.