



CANBERRA HIGH SCHOOL - Technology Learning overview for Term 1

Subject: 9/10 Design Technology - Beasley

During Term 1, students will learn, discover and develop skills in woodwork and design. This term will have an underlying theme of learning how to cut and join timber 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 & 3	Design Brief - Bridge Challenge (Group work) Project planning and management and Types of timber	CIT Bridge Challenge - Design criteria Student work booklet Drawing project plans and Technical drawing bridge to scale Types of timber and characteristics/properties.
4 & 5	CIT Bridge Challenge - design and construction	Begin project and prepare timber Measuring, marking out, cutting and shaping
5 & 6	CIT Bridge Challenge - construction	Cutting and joining timber
7 & 8	CIT Bridge Challenge - construction	Assembling and gluing
9	Strength Test	Bridge breaking competition Tools and processes test. Group portfolio submitted