OTUMOETAI COLLEGE

2011

TECHNICAL SKILLS (TESK)

YEAR 13

Design Technology Wood base

"Technology is more than students learning useful practical skills. Our society in 2011 onwards requires enquiring and resourceful minds with the right attitude to work, and the ability to seek out innovative solutions. They must also have the talent to think as an individual and the cooperative skills to work with others."

Teachers: Mr Meyer
Mr Gilvear

	2011 Year 13 Programme	
1	Make student drawing boards	
2	Learn about hand tools and care/ sharpening	
3	Personal Carving project.	US 7523
4	Exploration of tools, safety, carving, hardware, finishes. Cutting lists, materials and processes.	
5	Carving personal statements in solid wood	
6	Make new Graphics boards for school	
7	Start Air hockey table project	US 7526
8	Freehand drawing	
9		
10		
11		
	END OF TERM ONE HOLIDAYS	
1		
2		
3		
4		
5	*Test and select materials for a design task in materials technology.*	
6		US 7529
7	Preschool furniture business	
8		
9		
10		
11		
	END OF TERM TWO HOLIDAYS	
1		
2	Tilt boards business	
3		
4		
5		US 7530
6	Personal Clock project	
7		
8		
9		
10		
	END OF TERM THREE HOLIDAYS	
1		
2		US 7531

PARENTS / GUARDIANS

This year your son / daughter have elected to study Technical skills this year. The purpose of this booklet is to detail the year's program and to indicate the way in which you in partnership with your child's teacher can make a positive contribution to the success of your child.

On taking this course students will be working towards **Unit Standards** which are all internally assessed.

This unique course is aimed at helping students make career decisions and develop themselves to be more marketable to employers. Determination and the "right attitude to hard work" are at its core.

It also involves the ability to set and achieve life goals. The class is fortunate enough to have the services of a ***professional life coach*** *and several of* ***Tauranga's top industrial employers*** *who have volunteered their services as mentors and motivational speakers.*

Objectives:

- Show students how to find direction.
- Teach students how to plan and achieve goals.
- Instil the "right attitude" to hard work.
- Provide access to a good range of technical skills and credits and design drawing skills.

The Year 13 Materials Technology programme is assessed against Achievement Standards. Each has a credit weighting.
When you gain credit for a Unit Standard the credits contribute to your NCEA. **Unit Standards** are simply either achieved or not achieved.

Parent / guardian signature:……phone……..
You will be informed by phone if I have any concerns about student progress.

OTUMOETAI COLLEGE

TECHNOLOGY LEVEL 3

13TESK

For students who are not intending to pursue university education and who are yet to decide upon a career, trade apprenticeship or a possible course of study at a Polytechnic. This course will be skills based in the technology workshop and will focus on developing determination and a positive attitude to hard work. It will include machine competency, hand tool efficiency, technical drawing, and production line work. It will be linked to work experience programmes and guest speaker visits. Strict compliance with industry work standards and workplace safety will be expected.

US 7523	Use, and care for, standard hand tools in materials technology.	4 cr	Level 1	Internal
US 7526	Use and care for, portable machines in Materials technology.	4 cr	Level 2	Internal
US 7529	Test and select materials for a design task in Materials technology.	3 cr	Level 3	Internal
US 7530	Use and care for, fixed machine tools in Materials technology.	5 cr	Level 3	Internal
US 7531	Select suitable joining systems, processes, and techniques for the design.	5 cr	Level 3	Internal

Costs for course materials that will be taken home or consumed:

Details.	Approximate Cost.
Consumables: Wood, glues, oils, sandpaper and other project materials	$60

As outlined in the years outline there are several personal projects, as well as some community paid projects. These will be run using strict guidelines of accuracy and compliance with OSH health and safety requirements. Payment to students will be affected by being on time, correct footwear, attitude to work, effort and taking on of responsibility in leadership roles.