

DALZIEL HIGH	S1 CURRICULUM FOR EXCELLENCE	DEPARTMENT: Technical	TERM: 1
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S1 TERM 1	UNIT OF WORK: Introduction to Drawing Using Instruments	UNIT OF WORK: Isometric Drawing	UNIT OF WORK: Pencil Box
TIMEFRAME	5 periods	7 periods	6 periods
LEARNING ACTIVITIES	Teacher demonstrations Individual pupil work	Class discussion Individual pupil work Teacher demonstration.	Teacher demonstration Pupil demonstration of skills Pupils carry out individual practical tasks.
EXPERIENCES & OUTCOMES	TCH 3-13a TCH 3-15a	TCH 3-15a TCH 3-13a	TCH 3-13b TCH 3-13a
4 CAPACITIES	Successful learners Effective contributors	Successful learners Confident individuals Effective contributors	Successful learners Confident individuals Effective contributors Responsible citizens
MATERIALS/ RESOURCES	Drawing board, tee square, workbook, 45° set square, 30/60° set square, 3H pencil, eraser and A4 paper	Drawing board, tee square, workbook, 30/60° set square, 3H pencil, eraser and A4 paper	Workshop equipment, jelutong and hardboard
HOMEWORK		Knowledge and understanding worksheet	Knowledge and understanding worksheet
CROSS CURRICULAR LINKS	Maths Department Angles and line terminology Angles in 45° and 30/60° set square Acute, vertical ,horizontal and parallel		
EVIDENCE/ASSESSMENT	Examples of current class work displayed on wall End of unit assessment drawing. Pupil profile	Examples of current class work displayed on wall End of unit assessment drawing. Pupil profile	Finished product Pupil profile Pupil self / peer evaluation sheets End of unit assessment

DALZIEL HIGH	S1 CURRICULUM FOR EXCELLENCE	DEPARTMENT: Technical	TERM: 2
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S1 TERM 2	UNIT OF WORK: CAD Unit	UNIT OF WORK: Key Tab Design Unit	UNIT OF WORK:
TIMEFRAME	4 periods	8 periods	

LEARNING ACTIVITIES	Class discussion Individual pupil work Teacher demonstration.	Personal research Class discussion Peer evaluation Follow a design process to create a working solution.	
EXPERIENCES & OUTCOMES	TCH 3-15a TCH 3-13a	TCH 3-14a TCH 3-15b TCH 3-15a TCH 3-13a TCH 3-13b	
4 CAPACITIES	Successful learners	Successful learners Confident individuals Effective contributors Responsible citizens	
MATERIALS/ RESOURCES	Autodesk Inventor 11 CAD software. colour printer	Design notes, homework booklet, design folio, Autodesk Inventor 11 CAD software. colour printer Workshop equipment, plastic, metal	
HOMEWORK		Design sketches / Initial ideas	
CROSS CURRICULAR LINKS			
EVIDENCE/ASSESSMENT	Inventor drawing Pupil self evaluation sheets	Design folio Finished product Inventor drawing Pupil profile	

DALZIEL HIGH S1 CURRICULUM FOR EXCELLENCE

DEPARTMENT: Technical

TERM: 3

S1 TERM 3	UNIT OF WORK: Coat hook	UNIT OF WORK:	UNIT OF WORK:
TIMEFRAME	8 periods		

LEARNING ACTIVITIES	Teacher demonstration Pupil demonstration of skills Pupils carry out individual practical tasks.		
EXPERIENCES & OUTCOMES		TCH 3-13a TCH 3-13b	
4 CAPACITIES	Successful learners Confident individuals Effective contributors Responsible citizens		
MATERIALS/ RESOURCES	Worksheets, workshop equipment, aluminium bar.		
HOMEWORK	Knowledge and Understanding worksheet		
CROSS CURRICULAR LINKS			
EVIDENCE/ASSESSMENT	Finished product Pupil profile Pupil self / peer evaluation sheets End of year evaluation sheet End of unit assessment		