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IDENTIFICATION OF NUMERACY AND LITERACY SKILLS OF APPRENTICES AND TRAINEES AT CENTRAL GIPPSLAND INSTITUTE OF TAFE

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NEW RESEARCHERS

RESEARCH – BACKGROUND

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1.1 A sample of 3 departments involved in research data collection, representing differing results in different trade areas

DEPARTMENT AND NUMBER OF PARTICIPANTS/ ASSESSMENT TASK	PAINTING AND DECORATING (4 PARTICIPANTS)	ELECTRICAL DISTRIBUTION (28 PARTICIPANTS)	HAIRDRESSING (15 PARTICIPANTS)
Simple addition	X		
Simple subtraction			
Simple division			X
Simple multiplication			
Adding decimal numbers	X		
Bill payment	X	X	X
Salary calculation			X
Reading a graph			
Reading a tape measure			
Calculation of time	X		X
Payment	X		
Sex	X		
Reading	X		X
Writing	X		X

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1.2 Overall percentage of first year apprentices and trainees with incorrect answers to questions in the numeracy and literacy assessment tool.

Type of question addressed	Percentage of students with incorrect answers
1 Simple add	10%
2 Simple subtract	10%
3 Add decimals	15%
4 Simple division	35%
5 Simple multiply	40%
6 Add decimal	35%
7 Add bill	65%
8 Add change	25%
9 10% rule	60%
10 Pay rate	35%
11 Pay/invoice	50%
12 graph	30%
13 scale	15%
14 tape	15%
15 Time	40%
16a Payment	35%
16b Sex	45%

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