

## Part 2 – session planner

**Course** Kick Start Your Career in the Construction Industry – Numeracy for the Work Place 1: Understanding and following work instructions

**Teacher**

| Session dates |  | WHAT to learn  | HOW to learn  | Review and changes                            |
|---------------|--|--|---|---|
|               |  | Include employability, numeracy and literacy skills. Indicate acknowledgement activities   |   |   |
|               |  | What will your learners know and be able to do?  | How will you deliver, judge progress and evaluate?  | How is it going? What adjustments are needed? |
| 1             |  | <p>Numeracy 1: Understanding and following work instructions</p> <p>Recognise how numeracy skills are applied in the workplace</p> <p>Identify numeracy skills for the construction industry</p> <p>Assess numeracy skills</p> | <p>Address housekeeping<br/>Overview/introduce session</p> <p>Discussion: What numeracy skills/ calculations might you use working in construction?</p> <p>Videos:<br/>Routine Numeracy for the Workplace<br/><a href="https://youtu.be/sWmu07C2f74">https://youtu.be/sWmu07C2f74</a></p> <p>Numeracy skills for working with tables, graphs and charts<br/><a href="https://youtu.be/djrBP-iY6VM">https://youtu.be/djrBP-iY6VM</a></p> <p>Advanced numeracy skills for the workplace<br/><a href="https://youtu.be/fS3XkjmVJHQ">https://youtu.be/fS3XkjmVJHQ</a></p> <p>Discussion: How do you feel about maths?<br/>Numeracy assessment</p> |   |

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|  |  | <p>Recognise the importance of reading and interpreting plans, drawings, details and specifications</p> <p>Know who uses plans and drawings and provide examples of how</p> <p>Identify information found on plans and drawings</p> <p>Identify units of measurement</p> <p>Convert metres and millimetres</p> | <p>Precision Consultancy ACSF assessments<br/><a href="http://www.precisionconsultancy.com.au/acs_framework/">http://www.precisionconsultancy.com.au/acs_framework/</a></p> <p>Discussion: What types of information and how will you receive information? What types of plans and drawings?</p> <ul style="list-style-type: none"> <li>▪ Mud maps</li> <li>▪ Technical drawings</li> </ul> <p>Discussion: Who uses plans and drawings and what do they use the plans for?</p> <p>Activity 1.1 Information on plans and drawings</p> <p>Discussion: What do you think is recorded on a plan or drawing?</p> <ul style="list-style-type: none"> <li>▪ Levels</li> <li>▪ Gradients</li> <li>▪ Contour lines</li> </ul> <p>Activity 1.2 Finding information on a site plan</p> <p>Use any simplified copy of a house plan.</p> <p>Discussion: Which units of measurements are used in construction work?</p> <p>Demonstrate examples<br/>Activity 1.3 Conversions</p> <p>Activity 1.4 Interpreting a site plan</p> <p>Small group activity: Draw a site plan (Photo copy activity from Teacher Guide)</p> |  |
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|  |  |  | <p>Review session<br/>Overview of next session<br/>Remind learners to bring their site plans next week.</p> <p><b>Resources:</b></p> <ul style="list-style-type: none"><li>▪ Learner Guide: Numeracy for work Topic 1 Work Instructions</li><li>▪ Examples of plans and drawings</li><li>▪ HiViz vests</li></ul> <p><b>Evaluation:</b></p> <ul style="list-style-type: none"><li>▪ Question and answers</li><li>▪ Written work</li><li>▪ Learner Feedback</li><li>▪ Observation</li></ul> <p><b>Employability skills:</b></p> <ul style="list-style-type: none"><li>▪ Communication</li><li>▪ Teamwork</li><li>▪ Problem solving</li></ul> |  |
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