

## Year 9 Maths Lesson Plan Week 6

|                              |                                 |                  |
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| <b>Date:</b> 2/3/26 – 6/3/26 | <b>Topics:</b> Income / Algebra | <b>Lessons</b> 4 |
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### Learning Intentions

- To consolidate learning of interest rates
- To review the conventions and language of algebra

### Success Criteria

- I can simplify algebraic expressions using multiplication or division or both
- I can collect like terms to simplify an expression

| Day:             | Topic  | Activity  | Resources   |
|------------------|--|---|---|
| Monday<br>L1 & 2 | Maths Mates:<br><br>Interest rates                       | <ul style="list-style-type: none"> <li>• Marking sheet 3</li> <li>• Sheet 4 due date is 9/3/26</li> <br/> <li>• Students should be working on Ex 1K.</li> <li>• <math>I = \frac{Prt}{100}</math> where:                             <ul style="list-style-type: none"> <li>○ I = interest earned</li> <li>○ P = principal (what you stated with)</li> <li>○ r = rate (eg 5.5)</li> <li>○ t = time (generally years – read question carefully)</li> </ul> </li> <li>• Early finishers should do the IK Scorcher on Cambridge GO</li> </ul>   | <ul style="list-style-type: none"> <li>• Maths Mate Term 1, Sheet 4</li> <br/> <li>• Cambridge Essentials Ex 1K (Page 68) or Cambridge GO.</li> </ul>   |
| Tuesday<br>L5    | Prior Knowledge<br>Pre-test                              | <ul style="list-style-type: none"> <li>• Check your notifications in Cambridge GO</li> <li>• Remember to click submit when you are done.</li> <li>• This is to see what you remember from last year.</li> <li>• If don't know, have a go and move on.</li> <li>• Early finishers can do a sudoku or play magnetic chess</li> </ul>  | <ul style="list-style-type: none"> <li>• Work is assigned to students on Cambridge GO.</li> </ul>   |
| Thursday<br>L4   | Lesson starter:<br><br>Simplifying Algebraic expressions | <ul style="list-style-type: none"> <li>• Notation Linkup sheet.                             <ul style="list-style-type: none"> <li>○ Match the expressions</li> </ul> </li> <br/> <li>• Copy definitions into your exercise books                             <ul style="list-style-type: none"> <li>○ Pronumeral</li> <li>○ Like terms</li> <li>○ Unlike terms</li> </ul> </li> <br/> <li>• Memo Book: Example 4 pg 104                             <ul style="list-style-type: none"> <li>○ NYT questions from Example 4</li> </ul> </li> <br/> <li>• Memo book Example 5 pg 105                             <ul style="list-style-type: none"> <li>○ NYT questions from Example 5</li> </ul> </li> <br/> <li>• Exercise book: Ex 2B Questions 1 – 5</li> </ul> | <ul style="list-style-type: none"> <li>• Notation link up sheet</li> <br/> <li>• Exercise 2B (Cambridge GO) or</li> <li>• Cambridge Essentials page 103 – 105</li> <br/> <li>• Snickers: Q1 – 4</li> <li>• Mars Bars: Q1 – 5</li> <li>• Flakes: Q2 – 5</li> </ul> |
| Friday L5        | Sports day   | No lessons  |   |