# Year 7 Science Overview 2014

**Home Learning:** As a general rule it will be set every *Wednesday* and due the following *Wednesday*. Please provide note (in diary or otherwise) if student was unable to complete home learning in time.

**Tutoring:** Available Wednesday afternoons (unless otherwise specified) from 3:10 to 4:00 depending on student availability.

**Text:** Science Quest 7 for the Australian Curriculum – Lofts G., Evergreen M. J

## Term 1

<table>
<thead>
<tr>
<th>Week</th>
<th>Content</th>
<th>Resource/ reference</th>
<th>Assessment Task</th>
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</thead>
</table>
| 1-3  | **What is Science?**  
• The lab and safety  
• Planning and Conducting  
• Processing and Analysing  
• Communicating scientifically | Chapter 1 | **Practical Assessment** (Week 2)  
**Topic Test 1**- Week 4 (Science is) |
| 4-9  | **Classification**  
• Order of classification (Taxonomy)  
• Naming organisms  
• Dichotomous and other keys  
• Animal Classification  
• Plant Classification  
• Fungi, Protoctista and Prokaryotae  
• *Keys to unlock identity*  
• *Gumnut babies*  
• *Is it alive?* | Chapter 3, Specimen samples, Field trip | **Topic Test 2**-Week 10 (Classification) |
### Term 2

<table>
<thead>
<tr>
<th>Week</th>
<th>Content</th>
<th>Chapter</th>
<th>Assessment Task</th>
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| Week 10 Term 1, 1-4 | Separating Mixtures  
- Solutions and solubility  
- Suspensions  
- Separating solutions  
- Water treatment  
- Down the S-bend  
- Essential recycling | Chapter 5. Coke and mentos demo, Distillation apparatus, videos | Topic Test 3 - Week 4 (Separating Techniques) |
| 5-10 | Precious Resources  
- renewable and non-renewable resources  
- Extracting minerals  
- Fossil fuels  
- The water cycle  
- Make mine renewable  
- Soil conservation  
- Rising salt levels | Chapter 7 | |
| 6-7 | Revision & Exams | Revision Packs | Week 7: Semester 1 Exam |

#### Assessments:
1. Practical Assessment 20% To be completed at the end of the practical and handed in at the start of the next lesson.
2. Topic Test 1 15%
3. Topic Test 2 15%
4. Topic Test 3 15%
5. Exam 35%
Total 100%