## MOSSMAN STATE HIGH SCHOOL
### Term 3, 2018 – Course Outline
#### Year 7 Science SCI072E – Mr Ryan

<table>
<thead>
<tr>
<th>Unit Name</th>
<th>Main Ideas</th>
<th>Duration (weeks)</th>
<th>Assessment Item</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introduction to chemistry</strong></td>
<td>In this unit students will consider the importance of water. They investigate mixtures, including solutions, pure substances and a range of separation techniques. Students consider everyday applications of the separation techniques and relate their use in a variety of occupations. Students will plan and conduct investigations into the separation of mixtures and use their data to draw conclusions.</td>
<td>10 weeks</td>
<td>Practical – Separation prac with written report</td>
<td>Week 8 Thurs 6th September</td>
</tr>
</tbody>
</table>

### Literacy Components
- ✔ Speaking and Listening: Presenting information and ideas to class and groups
- ✔ Reading & Viewing: Comprehending texts through listening, reading and viewing
- ✔ Writing & Designing: Composing texts through writing and creating

### Numeracy Components
- ✔ Number: Using fractions, decimals, percentages, ratios and rates
- ✔ Algebra:
  - ✔ Measurement: Using measurement
- ✔ Space:
  - ✔ Chance & Data: Interpreting statistical information

### ICT/Technology Components
- ✔ Select and use ICTs in the processes of inquiry and research: Students will use Internet database to access assignment information
- ✔ Select and use ICTs to create a range of responses to suit the purpose and audience:
- ✔ Select and use ICTs to collaborate and enhance communication for an identified purpose and audience:
- ✔ Develop and apply ethical, safe and responsible practices when working with ICTs:
- ✔ Use a range of advanced ICT functions and applications: Students will be exposed a range of digital applications to access content