<table>
<thead>
<tr>
<th>UNIT</th>
<th>TERM 3 TOPICS</th>
<th>ASSESSMENT</th>
<th>DUE DATE</th>
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</thead>
</table>
| Medical Technology and Bionics – Chapter 2 – Senior Science 2 | - Biomaterials: materials used, uses and problems  
- Circulatory system: structure and function of the heart and blood, rhythmic contractions, pacemakers, artificial valves  
- Skeleton: joints, bones, artificial joints  
- Respiratory system: structure and function, life support, CPR, EAR  
- Diagnosis: Xrays, ultrasounds, MRI | Collection of Work  
  - Practical Report  
  - Newspaper Article Analysis (in class task)  
  - Oral Presentation | Hand out: Week 3  
Due: Week 4  
Fri 10/8  
Week 6  
Fri 24/10  
Hand out: Week 7  
Due: Week 8  
Presentations throughout Week 8  
Week 10  
Monday 17th Sept L1 & 2 |

**End UNIT**

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<tr>
<th>UNIT</th>
<th>TERM 4 TOPICS</th>
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</table>
| Space Science – Chapter 5 – Senior Science 2 | - Gravitational attraction: Earths atmosphere, composition and structure  
- What’s in space? Nebulae, stars, telescopes, comets, meteoroids  
- Exploring the universe: history of rocketry, space probes, space stations  
- Impacts of space technology: Computer systems, life support, carbon fibres, pacemakers, clothing | Supervised Written Assessment | Week 5  
Thur 8th Nov  
Session 1 |