During Semester 2, Term 3 (the Googa term) students will be introduced to Senior Science coursework and assessment styles.

**Chemistry (MPO)** Rates of reaction investigation (EEI) Ch. 5  
**Science 21 (KJE)** Global Systems – Extended Response Task (ERT) Ch. 6  
Week 9-10 and Term 4 = final rotation

**Chemistry (MPO)** Atomic structure, chemical periodicity, chemical bonding (ionic, covalent and metallic), chemical formulae, chemical equations, simple analysis and types of chemical change.  
(Ch 4: The Periodic Table and Ch. 5 Chemical Reactions)

**Physics (ADY)** Motion, changes in speed, acceleration, Newton’s Laws of Motion, energy changes, forces in structures, gravity, mass, weight, compression, tension, stress, towers & bridges and building design.  
(Ch 8: Motion and Energy and Ch 9 Structures)

**Biology (KJE)** Genetics, the DNA molecule, making new cells, cell division, asexual and sexual reproduction, characteristics and inheritance, dominant and recessive inheritance, sex determination, genetic engineering applications and implications, changes over generations, natural selection from an Australian perspective.  
(Ch 1: DNA and Genetics and Ch 3: Natural Selection and Evolution)

<table>
<thead>
<tr>
<th>Rotation Date</th>
<th>ADY</th>
<th>KJE</th>
<th>MPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Googa Term 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GG2: Weeks 1-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GG2: Weeks 5-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(repeated 4 wk units)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMO Global Systems - Extended Response Task (Ch10)</td>
<td></td>
<td></td>
<td>MPO Rates of Reaction – Extended experimental Investigation EEI (Ch5.3)</td>
</tr>
<tr>
<td>Final rotation</td>
<td>10A Physics</td>
<td>10C Biology</td>
<td>10B Chemistry</td>
</tr>
<tr>
<td>Post Googa Weeks 9-10 (4/9) &amp; Term 4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Assessment**

**Investigative reports** due on the last day of each of the 4 week units.

**Googa Gp 2**  
Week 3  
Draft due on 28/7,  
Week 4  
Final due on 4/8

**Googa Gp 1**  
Week 7  
Draft due on 25/8,  
Week 8  
Final due on 1/9

**Task 1**  
BCP PR  
**Term 4**  
Weds  
**Week 5**  
Hand out 30/10  
**Week 7**  
Final Due 13/11

**Task 2**  
Supervised Assessment  
**Week 7**  
EXAM BLOCK