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| 1    | 23 Jan - 27 Jan | Unit 0: Intro. to Physics | **Student Free Days 17/1 – 20/1**  
Thursday 26th – Australia Day Public Holiday  
• SI Units & Prefixes  
• Significant Figures & Scientific Notation | **Contact your teacher in response to ‘Welcome Email’** |
| 2    | 30 Jan - 3 Feb  | Snr Sec Orientation (Wed 1/2) | **Snr Sec Orientation (Wed 1/2)**  
• Errors & Uncertainties | **T1W2: Blackboard quiz** |
| 3    | 6 Feb - 10 Feb  | Unit 1: Archimedes’ Principle | **Introduction to hydrostatics**  
• Force, density, specific gravity and pressure applied to a fluid | **T1W3: Blackboard quiz** |
| 4    | 13 Feb - 17 Feb | Discovery Centre Day (Weds 1/3) | **Apology Day (Thurs 16/2)**  
Swimming carnival (Fri 17/2)  
• Instruments for measuring pressure  
• Measuring pressure  
• Pressure/ height relationships (atmospheric pressure) | **P-12 Goal Setting due** |
| 5    | 20 Feb - 24 Feb | Unit 1: Archimedes’ Principle | **Pascal’s formula and applications**  
• Archimedes principle | **T1W5: Blackboard quiz** |
| 6    | 27 Feb - 3 Mar  | Discovery Centre Day (Weds 1/3) | **Unbalanced forces in a fluid** | |
| 7    | 6 Mar - 10 Mar  | Unit 1: Archimedes’ Principle | **Pressure and depth**  
• Revision | **T1W7: Practice exam** |
| 8    | 13 Mar - 17 Mar | Student engagement pre extracurricular days (Tue14/3 – Wed 15/3) | **Student engagement pre extracurricular days (Tue14/3 – Wed 15/3)**  
• Revision  
• Exam | **T1W8: Supervised exam** |
| 9    | 20 Mar - 24 Mar | Unit 2: Forces & motion | **Unofficial Exam Block**: Monday → Wednesday  
• Graphing | |
| 10   | 27 Mar - 31 Mar | Unofficial Exam Block | **QCS Practice (Wed 29th – Fri 31stMarch)**  
• Vectors & straight line motion  
• EEI Task Sheet Given | |

Public Holidays: Australia Day - Thursday 26th January  
School Holidays: Saturday 1st April – Monday 17th April
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| 1    | Tuesday 17 Apr - 21 Apr | Unit 2: Forces & motion | **Easter Monday Public Holiday (17/4)**  
QSO Education Concert: The Grand Tannhauser (Thu 20/4)  
- Equations of Motion  
- Projectile Motion | GOAL SETTING Review due 24/4  
Proposal Due: 1.EEI – Projectile Motion RA  
Due: 28th Apr |
| 2    | 24 Apr - 28 Apr | Unit 2: Forces & motion | **Tuesday 25th April Anzac Day**  
**Parent Teacher Interviews (Thu 27/4)**  
- Newton’s Laws  
- Friction  
- Energy | Draft Due: 1.EEI – Projectile Motion Draft  
Due: 12th May |
| 3    | 1 May - 5 May | Unit 2: Forces & motion | **Monday 1st May Day Public Holiday**  
- EEI Experimentation & data collection | |
| 4    | 8 May - 12 May | Unit 3: Collisions | **Senior Camp (Mon 8/5 – Friday 12/5)**  
- Writing EEI Drafts  
- | Final Report: 1.EEI – Projectile Motion Final  
Due: 26th May |
| 5    | 15 May - 19 May | Unit 3: Collisions | **QCS Workshop (Thursday 18th May)**  
**P-12: Cross Country (Fri 19/2)**  
**Exam Block: Monday  Wednesday**  
- Finalising EEI Feedback | |
| 6    | 22 May - 26 May | Unit 3: Collisions | **1.EEI – Projectile Motion Final** | |
| 7    | 29 May - 2 June | Unit 3: Collisions | **Exam block year 11/12 starts – (Thursday 1st June)**  
- Forces, Mass & Acceleration  
- Friction and the Inclined Plane | |
| 8    | 5 June - 9 Jun | Unit 3: Collisions | **Exam block year 11/12 finishes – (Wednesday 7th June)**  
**QCS Practice – (Thurs 8th – Fri 9th June)** | |
| 9    | 12 Jun - 16 Jun | Unit 3: Collisions | **Circular Motion**  
**Momentum & Impulse** | |
| 10   | 19 Jun - 23 Jun | Unit 3: Collisions | **Experiment 3.1**  
**Elastic & Inelastic Collisions** | 3. ERT Available on Bboard  
Experiment 3.1 Write up Due 23 June |
Public Holidays: Easter Monday 17th April, Tuesday 25th April Anzac Day, Monday 1st Labour Day Public Holiday
School Holidays: Saturday 24 June – Sunday 9th July

Year 11 Work Rate Calendar - Term 3 2017

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| 1    | 10 Jul - 14 Jul | Unit 3: Collisions | • Conservation of Momentum  
• Work-energy conversions  
• Review of ERT requirements | Proposal Due: 3.ERT – Physics of Collisions  
Proposal Due: 21 Jul |
| 2    | 17 Jul - 21 Jul | BSDE Mid-Year Snr Sec Orientation Day (Friday 21/7) | • Potential Energy & Power  
• Conservation of momentum in 2D | Goal Setting due 24/7 |
| 3    | 24 Jul - 28 Jul |  | • Consolidate theory  
• Prepare for Dreamworld excursion  
Parent Teacher Interviews (Tue 25/7)  
Student engagement pre extracurricular days (Mon 24/7 – Tues 25/7)  
NAIDOC DAY (Thu 27/7)  
Athletics Carnival (Fri 28/7) | QTAC Parent Evening 6pm – 7pm (Weds 2/8)  
Excursion to Dreamworld 31 July  
• Dreamworld reports  
• ERT Report drafting |
| 4    | 31 July - 4 Aug | Unit 3: Collisions | Dreamworld Report  
Due 4 Aug |  |
| 5    | 7 Aug - 11 Aug |  | • Report drafting  
Brisbane Ekka Holiday Wednesday 16th | Draft Report: 3.ERT – Physics of Collisions  
Draft Due: 11 August |
| 6    | 14 Aug - 18 Aug |  | • Draft feedback given  
Brisbane Ekka Holiday Wednesday 16th |  |
| 7    | 21 Aug - 25 Aug |  | • 3.ERT – Physics of Collisions  
3.ERT – Physics of Collisions  
Final Report: 3.ERT – Physics of Collisions  
Final Due: 25 August |  |
| 8    | 28 Aug - 1 Sep | Unit 4: Thermal Physics | Thursday → Friday: Yr 11 Exam block (31/8 – 01/09)  
Introduction to Unit 4: Thermal Physics  
• Measuring Heat & Heat Transfer |  |
<p>| 9    | 4 Sep - 8 Sep |  | Specific heat capacity/ Heat energy calculations |  |</p>
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| 1    | Tuesday 3 Oct - 6 Oct | Unit 4: Thermal Physics | Monday 2nd: Queens Birthday Holiday  
  • Specific heat capacity/ Heat energy calculations | Class work send in Summative Assessment |
| 2    | 9 Oct - 13 Oct |                     | Octoberfest (Thursday 12/10)  
  • Heat transfer  
  • Conduction | Heat transfer Short Answer Essays Due 13 October |
| 3    | 16 Oct - 20 Oct | Unit 4: Thermal Physics | Student Free Day Mon 16th  
  Japanese Restaurant Visit (Friday 20/10)  
  • Gas Laws (Boyle’s Law, Charles’ Law, Combined) | |
| 4    | 23 Oct - 27 Oct |                     | • Ideal Gas Law | |
| 5    | 30 Oct - 3 Nov |                     | • Revision | |
| 6    | 6 Nov - 10 Nov |                     | Monday → Friday: Yr 11 Exam block (6/11 – 10/11)  
  • Revision  
  • Exam | 4. Thermal Physics Supervised exam |
| 7    | 13 Nov - 17 Nov |                     | Senior Formal – Friday 17/11 (Awards day 18/11)  
  • Practise EEI | |
| 8    | 20 Nov - 24 Nov |                     | Year 11 QCS Workshop ( Wednesday 22/11 – Friday 24/11)  
  • Practise EEI  
  Year 10 & 11 finish Nov 24 | |
| 9    |             |                     | | |
| 10   |             |                     | | |

Public Holidays: Queens Birthday - Monday 2nd October, Student Free Day - Monday 16th October  
School Holidays: Saturday 9th December – Monday 22nd January 2018