























# Year 11 Triple Science – **Physics** – Home Curriculum

## Half Terms 3 and 4



You will have a quiz each week to check your revision progress at home on the topics outlined. You should use the online lesson, revision guide pages and exam question practice to help with your revision. You must **complete the Sparx Science homework online.**

Week Commencing	Topic	Sparx Science Homework	Online Lesson and Revision Guide Pages		Exam Practice
20 <sup>th</sup> January 2024	Resistance of a Wire Required Practical  <b>Recommended:</b> complete the practical on <u>core sciences</u>	<b>Due 24<sup>th</sup> January</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 30:13 to 41:20	<b>Collins</b> Pages 54-55	 <a href="https://AIAAROE.exampro.net">https://AIAAROE.exampro.net</a>
				<b>CGP</b> Page 25	
27 <sup>th</sup> January 2024	Mains Electricity and Electrical Power	<b>Due 31<sup>st</sup> January</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> whole video	<b>Collins</b> Pages 60-61	 <a href="https://KEBYVOR.exampro.net">https://KEBYVOR.exampro.net</a>
				<b>CGP</b> Pages 31-33	
3 <sup>rd</sup> February 2024	Sensing Circuits: LDRs & Thermistors	<b>Due 7<sup>th</sup> February</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 41:20 to 49:00	<b>Collins</b> Pages 56-57	 <a href="https://SUXIYEE.exampro.net">https://SUXIYEE.exampro.net</a>
				<b>CGP</b> Page 27	
10 <sup>th</sup> February 2024	Properties of Nuclear Radiation	<b>Due 14<sup>th</sup> February</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 40:13 to 53:00	<b>Collins</b> Pages 88-89	 <a href="https://AIOIXES.exampro.net">https://AIOIXES.exampro.net</a>
				<b>CGP</b> Page 44	
24 <sup>th</sup> February 2024	Half Life and Safety Using Nuclear Radiation	<b>Due 28<sup>th</sup> February</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 53:00 to end	<b>Collins</b> Pages 90-91	 <a href="https://EYGALYS.exampro.net">https://EYGALYS.exampro.net</a>
				<b>CGP</b> Pages 46-48	
3 <sup>rd</sup> March 2024	Specific Heat Capacity and Specific Latent Heat	<b>Due 7<sup>th</sup> March</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 34:40 to 46:00	<b>Collins</b> Pages 26-27 and 84-85	 <a href="https://JUQUUOV.exampro.net">https://JUQUUOV.exampro.net</a>
				<b>CGP</b> Pages 13 and 40	
10 <sup>th</sup> March 2024	Adding and Resolving Vectors	<b>Due 17<sup>th</sup> March</b>  Weekly quiz to be held in this lesson.	 <b>Watch:</b> 00:00 to 17:00 and 62:00 to end.	<b>Collins</b> Pages 8-9	 <a href="https://XYEOXED.exampro.net">https://XYEOXED.exampro.net</a>
				<b>CGP</b> Page 54	

17 <sup>th</sup> March 2024	Weight and Terminal Velocity	<b>Due 21<sup>st</sup> March</b> Weekly quiz to be held in this lesson.	 <b>Watch:</b> whole video	<b>Collins</b> Pages 8-9 and 18-19	 <a href="https://OUJULAK.exampro.net">https://OUJULAK.exampro.net</a>
				<b>CGP</b> Pages 52 and 63	
24 <sup>th</sup> March 2024	Reflection and Refraction of Light (including practical skills)	<b>Due 28<sup>th</sup> March</b> Weekly quiz to be held in this lesson.	 <b>Watch:</b> whole video	<b>Collins</b> Pages 32-33	 <a href="https://UUJOPIF.exampro.net">https://UUJOPIF.exampro.net</a>
				<b>CGP</b> Page 77	
31 <sup>st</sup> March 2024	Colours, Filters and Lenses	<b>Due 4<sup>th</sup> April</b> Weekly quiz to be held in this lesson.	 <b>Watch:</b> 26:00 to end	<b>Collins</b> Pages 38-41	 <a href="https://DUJIMOE.exampro.net">https://DUJIMOE.exampro.net</a>
				<b>CGP</b> Pages 82-85	

Weekly quiz scores will be monitored. You should be achieving a minimum of 70% if you have completed your homework and necessary revision as outlined. Contact home will be made to update them on your progress.

#### Useful Revision Websites:

- Isaac Physics – *use the search button to find topics you want to revise*
- Core Sciences – *you have been issued your login to this and can practice the required practicals online*
- SaveMyExams – *free revision notes and worked examples*
- Cyber Physics – *exam practice and revision notes with fully modelled answers*

#### Provisional Exam Dates:

- Paper 1 – Thursday 22<sup>nd</sup> May - AM
- Paper 2 – Monday 16<sup>th</sup> June – AM