

THE **ANSWER** SERIES

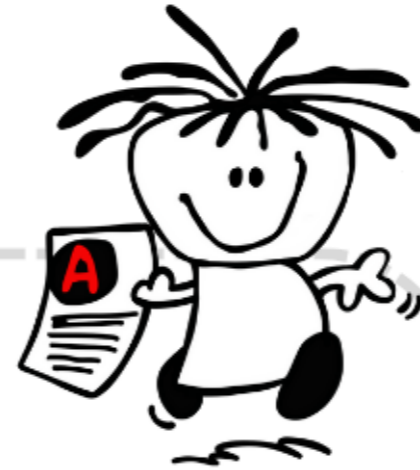
# ATP & LESSON PLANNER

CONTENT, TRACKER & RESOURCES

GRADE

8

*Natural Sciences*





A **one-stop-teaching-tool** created by combining:

- the official DBE ATP
- The **Answer Series** Natural Sciences Class Text & Study Guide
- **TAS** resources
- curated online resources
- shared resources from our **TAS** WhatsApp Teacher Community

**2026**




Keep track of your curricular progress here ↓

ACADEMIC WEEKS	CAPS TOPIC	CORE CONTENT & PAGE NUMBERS		SUGGESTED EXERCISES	POSSIBLE PRACTICAL TASKS / CONSOLIDATION	DATE CONTENT WAS COMPLETED
		<i>Based on The Answer Series Gr 8 Natural Sciences 3-in-1 Class Text &amp; Study Guide</i>				
WEEK 1 14 – 16 Jan	Scientific Method 3 school days	Scientific Investigation	p. iii – vii	- Work through the 'Worked Example of a Scientific Investigation Question' with learners on p. vi – vii		
		Representing data: Tables and graphs	p. viii – xi	- Use <a href="#">these</a> resources from our webinar to teach scientific investigations ( <b>Watch the webinar here</b> )		
WEEK 2 & 3 19 – 30 Jan <a href="#">Lesson plan Lesplan</a>	Photosynthesis and Respiration 10 school days 22% of term test on all topics* 	Photosynthesis and Respiration Introduction	p. 2		<b>Watch The Answer Series Videos on this topic on YouTube: English playlist <a href="#">here</a>   Afrikaans playlist <a href="#">here</a>   Eng &amp; Afr Worksheets <a href="#">here</a></b> Observe Photosynthesis with this easy <a href="#">activity</a> Do an iodine starch test of ripe vs unripe bananas <a href="#">here</a> (Prac) - Do a virtual test for starch <a href="#">here</a> - <b>Prac</b> investigation: <a href="#">ENG &amp; ENG MEMO</a>   <a href="#">AFR &amp; AFR MEMO</a> - Virtual Photosynthesis Practical <a href="#">here</a> Fun way to teach Respiration – <a href="#">Activity Idea</a> - <a href="#">Simulation</a> to compare these processes in plants/animals - Here is a useful printout summary for learners: <a href="#">ENG</a>   <a href="#">AFR</a> - Here is a useful revision exercise for learners: <a href="#">ENG</a>   <a href="#">AFR</a> - Complete <a href="#">this</a> self-marking quiz	
		Photosynthesis – Living organisms and the sun	p. 3			
		Photosynthesis – The process	p. 4 – 5	p. 53: Q2		
		Storage and use of glucose	p. 5 – 6	p. 54: Q4		
		The site of photosynthesis	p. 6			
		The importance of photosynthesis	p. 6	p. 54: Q5		
		Testing for the presence of starch	p. 7	p. 54: Q3		
		Respiration – Energy from Food	p. 8			
		Respiration – The process	p. 8 – 9			
		The importance of respiration	p. 9	p. 55/56: Q6 – Q8		
		Testing for the presence of carbon dioxide	p. 9	p. 56: Q9		
Comparison between Photosynthesis and Respiration	p. 10	p. 53: Q1				
WEEK 4 – 8 2 Feb – 6 Mar <a href="#">Lesson plan 1 Lesplan 1</a> <a href="#">Lesson plan 2 Lesplan 2</a>	Interactions and Interdependence within the Environment 25 school days 56% of term test on all topics*	Introduction to ecology	p. 11		Not all shared resources are TAS creations – some are shared contributions from our Teacher WhatsApp group.  - Possible Ecosystems Project: <a href="#">ENG</a>   <a href="#">AFR</a> - How to study an ecosystem (possible project) on p. 16 Sort the types of consumers in this interactive game <a href="#">here</a> - Virtual ecosystem <a href="#">simulation</a> – interactions between biotic factors - Producer, consumer and decomposer game <a href="#">here</a> Complete food chains and see them come alive <a href="#">here</a> Interactive food chain and food web activity <a href="#">here</a> Predict what <a href="#">will happen in food chains</a> when the balance is disrupted Complete <a href="#">this</a> self-marking quiz	
		Levels of ecology	p. 12 – 13	p. 58: Q2 & Q3		
		Ecosystem components – Biotic and abiotic	p. 14 – 16	p. 59: Q4; p. 60: Q6		
		Environmental interactions	p. 17	p. 60: Q7 & Q8		
		Feeding relationships – Producers	p. 18			
		Feeding relationships – Consumers	p. 18 – 19			
		Feeding relationships – Decomposers	p. 19 – 20			
		Energy flow: Food chains	p. 21 – 23	p. 61: Q9		
		Energy flow: Energy pyramids	p. 23 – 24			
		Energy flow: Food webs	p. 25 – 26	p. 62/63: Q10 – Q13		
		Balance in the Ecosystem – Natural factors	p. 26 – 27			
		Balance in the Ecosystem – Human factors	p. 27 – 29	p. 63: Q14; p. 66: Q20		
		Adaptations – Structural, functional, behavioural	p. 29 – 32	p. 65: Q18		
Adaptations – Examples in plants and animals	p. 33 – 36	p. 59: Q5; p. 64: Q15 – Q17; p.66: Q19				
Conservation of the ecosystem	p. 37 – 38	p. 57: Q1; p. 66: Q21				
WEEK 9 & 10 9 – 20 March <a href="#">Lesson plan Lesplan</a>	Microorganisms 10 school days 22% of term test on all topics*	Types of microorganisms – Introduction	p. 39 – 40		Watch these useful videos for introduction: <a href="#">video 1</a> and <a href="#">video 2</a> <a href="#">Video</a> on bacterial communities   <a href="#">Video</a> on how to grow bacteria Watch an amoeba eat <a href="#">here</a>   Watch protists move about <a href="#">here</a> - Read-up on some interesting things fungi can do: <a href="#">here</a> and <a href="#">here</a> - Watch <a href="#">this</a> interesting video about the zombie fungus <i>cordyceps</i> <b>Download</b> this <a href="#">slide show</a> exercise and try to identify the microbes Interactive size scale <a href="#">here</a> Fun activity to teach learners about germs on p. 46 Watch <a href="#">this</a> useful video on the history of handwashing Watch <a href="#">this</a> useful video on how cholera spreads Investigate the growth of yeast p. 51 – 52 ( <b>Prac</b> )	
		Types of microorganisms – Bacteria	p. 41			
		Types of microorganisms – Protists	p. 41			
		Types of microorganisms – Fungi	p. 42			
		Types of microorganisms – Viruses	p. 43			
		Summary of the microorganisms	p. 44	p. 67: Q2		
		Calculating size (not in ATP)	p. 45	p. 68: Q3		
		Harmful microorganisms	p. 46 – 47			
		Diseases caused by microorganisms – TB	p. 47			
		Diseases caused by microorganisms – AIDS	p. 47 – 48	p. 69: Q6		
		Diseases caused by microorganisms – Malaria	p. 48			
		Diseases caused by microorganisms – Waterborne	p. 49	p. 68/69: Q4 & Q5		
		Useful microorganisms	p. 50 – 51			
Investigate the growth of yeast	p. 51 – 52	p. 67: Q1; p. 70: Q7				
WEEK 11 23 – 27 March	Time for consolidation and revision – TERM 1 REVISION <a href="#">ENG</a>   <a href="#">AFR</a>			Formal assessments: TASK 1 – Practical (min 20) TASK 2 – Test (min 30)		

\*Calculated based on teaching time in weeks divided by total teaching time for all topics, e.g. Microorganisms = 2/9 x 100 = 22% ; not factoring in Scientific Method in week 1



Keep track of your curricular progress here ↓

ACADEMIC WEEKS	CAPS TOPIC	CORE CONTENT & PAGE NUMBERS		SUGGESTED EXERCISES	POSSIBLE PRACTICAL TASKS / CONSOLIDATION	DATE CONTENT WAS COMPLETED	
		<i>Based on The Answer Series Gr 8 Natural Sciences 3-in-1 Class Text &amp; Study Guide</i>					
<b>WEEK 1</b> 8 – 10 April <a href="#">Lesson plan</a> <a href="#">Lesplan</a>	<b>Introduction to Periodic Table of Elements</b> 3 school days	Revise the Periodic Table of Elements: arrangement of elements on the PT; some properties of metals, semi-metals & non-metals	p. 73 – 74	p. 123: Q2 & Q3	- Download and/or study the Periodic Table of elements in various forms AND interactive game <a href="#">here</a> - Periodic Table (high res) download with pictures and/or words <a href="#">here</a>		
<b>WEEK 2 &amp; 3</b> 13 – 24 April <a href="#">Lesson plan</a> <a href="#">Lesplan</a>  Watch on YouTube	<b>Atoms</b> 10 school days 33% of term test on all topics*	The building blocks of matter	p. 72		- Free worksheets with memos on the atomic structure and periodic table <a href="#">here</a>		
		Atoms & Elements	p. 72		Watch <b>The Answer Series Videos</b> on this topic on YouTube: English playlist <a href="#">here</a>   Afrikaans playlist <a href="#">here</a>   English & Afrikaans Worksheets <a href="#">here</a>		
		Subatomic particles – structure of an atom	p. 75	p. 124: Q4 & 5			
		Subatomic particles – atoms are neutral	p. 76		NOTE Questions are suggested according to when learners will be able to do them.	- Make a model of an atom p. 76 (Activity) - Build an atom interactive activity <a href="#">here</a> - Take an interactive walk through an atom's structure <a href="#">here</a>	
		Pure substances – molecules	p. 77			- Build a molecule interactive activity <a href="#">here</a>	
		Pure substances – elements	p. 77 – 78			- Simple idea for an activity to build molecules <a href="#">here</a>	
		Pure substances – compounds	p. 79 – 80	p. 124: Q6		Make models of molecules p. 80 (Activity)	
		Separating pure substances	p. 81				
		Separating pure substances – electrolysis	p. 82	p. 127: Q11		Investigate decomposition through electrolysis p. 82 (Prac) – worksheets: <a href="#">ENG</a>   <a href="#">MEMO</a>	
		Separating pure substances – heat	p. 83	p. 125: Q7		Investigate decomposition through heat p. 83 (Prac)	
		Mixtures of elements & compounds	p. 83 – 84	p. 126: Q8 & 9		Watch <a href="#">this</a> video on mixtures	
		Comparison of elements, compounds and mixtures	p. 84	p. 126: Q10			
		Topic summary	p. 85	p. 123: Q1			
<b>WEEK 4 – 8</b> 28 Apr – 29 May <a href="#">Lesson plan 1</a> <a href="#">Lesplan 1</a> <a href="#">Lesson plan 2</a> <a href="#">Lesplan 2</a> <a href="#">Lesson plan 3</a> <a href="#">Lesplan 3</a> <a href="#">Lesson plan 4</a> <a href="#">Lesplan 4</a> <a href="#">Lesson plan 5</a> <a href="#">Lesplan 5</a>	<b>Particle Model of Matter</b> 23 school days 56% of term test on all topics*	The concept of the particle model of matter	p. 86	p. 128: Q2			
		States of matter – solids, liquids & gases	p. 87 – 88		- Interactive states of matter activities <a href="#">here</a> and <a href="#">here</a> - Watch <a href="#">this</a> useful video about the 3 phases of matter		
		Diffusion as a property of matter	p. 88 – 90	p. 130: Q9		- Investigate diffusion in gases p. 89 (Prac) - Investigate diffusion in liquids p. 90 (Prac)	
		Summary of the properties of the states of matter	p. 91	p. 128: Q3		Recap the nature of matter with <a href="#">this</a> interactive walk-through	
		Change of state	p. 92 – 95	p. 128/129: Q4 – Q8		- Investigate change of state p. 95 (Prac) – worksheets: <a href="#">ENG</a> & <a href="#">MEMO</a>   <a href="#">AFR</a> & <a href="#">MEMO</a> - Interactive change of state activity <a href="#">here</a> and <a href="#">here</a> - Watch <a href="#">this</a> useful video on changes of state	
		Mass	p. 96				
		Volume	p. 96 – 97			- Investigate mass, volume & density PART 1 p. 98 (Prac) - Perform a virtual practical using <a href="#">this</a> lab	
		The relationship between mass & volume	p. 98 – 99			- Listen to the mass, volume, density song <a href="#">here</a>	
		Density	p. 99 – 104	p. 130/131: Q10 & Q11		- Investigate mass, volume & density PART 2 p. 103 (Prac) - Perform a virtual practical using <a href="#">this</a> lab	
		Density of the states of matter	p. 104 – 105			Interactive density & states of matter activity <a href="#">here</a>	
		Density of different materials	p. 105 – 106	p. 131/132: Q12 & Q13		- Watch <a href="#">this</a> video on density	
		Floating & sinking	p. 106 – 107	p. 132/133: Q14 – Q17		- Investigate floating & sinking p. 107 (Prac) - Densities of different materials p. 108 (Activity & Prac) - Floating egg density experiment <a href="#">here</a> and <a href="#">here</a>	
		Expansion & contraction of materials	p. 109 – 111	p. 133: Q18; p. 135: Q21		Investigate expansion & contraction p. 111 (Prac)	
Pressure	p. 112 – 113	p. 135/136: Q22 & Q23		The effects of pressure p. 113 (Activity)			
Topic summary	p. 114	p. 127: Q1; p. 134: Q19 & Q20		Investigate the relationship between gas pressure & temperature <a href="#">here</a>			

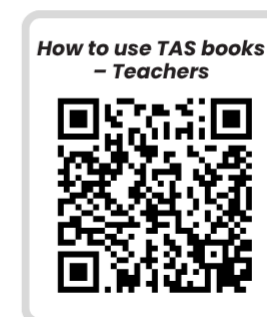
NOTE  
 Not all shared resources are TAS creations – some are shared contributions from our Teacher WhatsApp group.

<b>WEEK 9</b> 1 – 5 June <a href="#">Lesson plan</a> <a href="#">Lesplan</a>	<b>Chemical Reactions</b> 5 school days 11% of term test on all topics*	Physical changes to matter	p. 115		Play <a href="#">this</a> interactive game to test your understanding of the differences between physical and chemical changes to matter  - Investigate a chemical reaction PART 1 p. 120, PART 2 p. 121 ( <b>Prac</b> ) - Interactive reactants, products and leftover simulation <a href="#">here</a> - Download MANY free worksheets with memos on writing word equations <a href="#">here</a>  Watch <a href="#">this</a> video on six chemical reactions that changed history
		Chemical changes to matter	p. 116	p. 136: Q2	
		Reactants & products	p. 117 – 121	p. 137/138: Q3 – Q7	
		Useful chemical reactions	p. 122	p. 136: Q1; p. 138: Q8	
<b>WEEK 10 – 12</b> 8 – 26 June <a href="#">Lesson plan</a> <a href="#">Lesplan</a>	Time for consolidation and revision – TERM 2 REVISION <a href="#">ENG &amp; MEMO</a>   <a href="#">AFR &amp; MEMO</a>			<b>Formal assessments: TASK 3 – Practical (min 20)</b> <b>TASK 4 – Test (min 30)</b>	

\*Calculated based on teaching time in weeks divided by total teaching time for all topics, e.g. Chemical reactions =  $1/9 \times 100 = 11\%$ ; Introduction of the Periodic Table of Elements in week 1 forms part of the mark weighting for the topic ATOMS

See a wide variety of chemistry posters (and others) to download [here](#)

## IN NEED OF SOME TAS MAGIC?



# THE ANSWER SERIES

**Gr 8 Natural Sciences (CAPS) 3-in-1**

**HARD COPY & EBOOK**

**Gr 8 Natuurwetenskappe (KABV) 3-in-1**

**HARDE KOPIE & E-BOEK**



Keep track of your curricular progress here ↓

ACADEMIC WEEKS	CAPS TOPIC	CORE CONTENT & PAGE NUMBERS		SUGGESTED EXERCISES	POSSIBLE PRACTICAL TASKS / CONSOLIDATION	DATE CONTENT WAS COMPLETED
		<i>Based on The Answer Series Gr 8 Natural Sciences 3-in-1 Class Text &amp; Study Guide</i>				
<b>WEEK 1</b> 21 – 24 Jul <a href="#">Lesson plan Lesplan</a>	<b>Static Electricity</b> 4 school days 12% of term test on all topics* 	Friction and static electricity introduction	p. 140		Watch <b>The Answer Series Videos</b> on this topic on YouTube: English playlist <a href="#">here</a>   Afrikaans playlist <a href="#">here</a> English & Afrikaans Worksheets <a href="#">here</a>	
		Subatomic particles cause electric charge	p. 140			
		Friction transfers electrons	p. 141 – 142	p. 199: Q2		
		Static electricity	p. 142 – 143	p. 201: Q8		Simulate static discharge <a href="#">here</a>
		Charged objects influence each other	p. 144 – 145			Interactive simulation on balloons and static electricity <a href="#">here</a>
		Attraction of a neutral object	p. 145 – 146	p. 199/200: Q3 – Q5		
		Summary of static electricity	p. 146	p. 198: Q1; p. 200/201: Q6 & Q7		
<b>WEEK 2 – (½) WEEK 4</b> 27 Jul – 12 Aug <a href="#">Lesson plan 1 Lesplan 1</a> <a href="#">Lesson plan 2 Lesplan 2</a>	<b>Energy Transfer in Electrical Systems</b> 12 school days 29% of term test on all topics*	Circuits and current electricity – a simple circuit	p. 147 – 148		NOTE Not all shared resources are TAS creations – some are shared contributions from our Teacher WhatsApp group.	
		Components of a circuit – cells and batteries	p. 148 – 150			
		Components of a circuit – conducting wires	p. 150			
		Components of a circuit – resistors	p. 150 – 151			
		Components of a circuit – light bulbs	p. 151 – 152			
		Summary of the symbols used in circuit diagrams	p. 152	p. 202: Q2		
		How to draw a circuit diagram – worked example	p. 153	p. 202/203: Q3 – Q5		Construct circuits using <a href="#">this</a> interactive simulation
		Effects of an electric circuit – heating	p. 154 – 157	p. 203/204: Q6 – Q8		- Investigate the heating effect of a circuit ( <b>Prac</b> ) p. 154 - Investigate short circuits and fuses ( <b>Prac</b> ) p. 156
		Effects of an electric circuit – magnetic	p. 158 – 161	p. 204: Q9		- Investigate the magnetic effect of a current ( <b>Prac</b> ) p. 159 - Activity: create an electromagnet ( <b>Prac</b> ) p. 160
		Effects of an electric circuit – chemical	p. 161 – 162	p. 205: Q10 & Q11		
Summary of basic concepts	p. 163	p. 201: Q1				
<b>(½) WEEK 4 – (½) WEEK 6</b> 13 – 28 Aug <a href="#">Lesson plan Lesplan</a>	<b>Series and Parallel Circuits</b> 12 school days 24% of term test on all topics*	Series circuits	p. 164		Construct circuits using <a href="#">this</a> interactive simulation Investigate cells in series ( <b>Prac</b> ) p. 165 Investigate resistors in series ( <b>Prac</b> ) p. 168 Investigate resistors in parallel ( <b>Prac</b> ) p. 172 Investigate how different metals conduct electricity ( <b>Prac</b> ) p. 175 Interactive game – test learner knowledge on circuit connections <a href="#">here</a>	
		Adding cells in series	p. 164			
		Adding resistors in series	p. 165 – 169			
		Parallel circuits	p. 169			
		Adding resistors in parallel	p. 170 – 173	p. 209: Q10		
		Compare series and parallel circuits	p. 174	p. 206/207: Q2 – Q5; p. 208: Q8 & Q9		
		Metals in circuits	p. 174 – 175	p. 207: Q6; p. 209: Q11		
		Other output devices	p. 176	p. 205: Q1; p. 208: Q7; p. 210: Q12		
		The history of electricity in South Africa (not in ATP)	p. 177			
Careers in electricity (not in ATP)	p. 178					
<b>WEEK 7 – 9</b> 31 Aug – 18 Sept <a href="#">Lesson plan 1 Lesplan 1</a> <a href="#">Lesson plan 2 Lesplan 2</a> <a href="#">Lesson plan 3 Lesplan 3</a>	<b>Visible Light</b> 15 school days 35% of term test on all topics*	Radiation of light	p. 178 – 179		Activity: construct a pinhole camera ( <b>Prac</b> ) p. 179 Investigate the dispersion of white light with a prism ( <b>Prac</b> ) p. 183 Investigate the formation of shadows ( <b>Prac</b> ) p. 186 Investigate how we see the colours of light with <a href="#">this</a> interactive simulation Investigate the reflection of light ( <b>Prac</b> ) p. 191 Simulate how the eye sees <a href="#">here</a> Investigate light refraction using <a href="#">this</a> interactive simulation	
		Light travels in straight lines	p. 179 – 180	p. 213: Q5		
		Wavelength and frequency	p. 181	p. 213: Q6		
		Spectrum of visible light	p. 181 – 184			
		Opaque and transparent substances	p. 184 – 187	p. 214: Q8		
		Absorption of light	p. 187 – 189	p. 214/215: Q9 – Q11; p. 216: Q15		
		Reflection of light	p. 189 – 192	p. 212: Q3 & Q4; p. 213: Q7 p. 215/216: Q12 & Q13		
		Seeing light	p. 192 – 193			
		Refraction of light	p. 193 – 197	p. 211: Q1 & Q2; p. 216: Q14; p. 217: Q16 – Q18		
Careers in optics (not in ATP)	p. 198					
<b>WEEK 10</b> 21 – 23 Sept	Time for consolidation and revision – TERM 3 REVISION <a href="#">ENG &amp; MEMO</a>   <a href="#">AFR &amp; MEMO</a>			Formal assessments: <b>TASK 5 – Project</b> (any content from Term 1 to 4 @ min 30 marks) <b>TASK 6 – Test</b> (Term 3 content only @ min 30 marks)		

\*Calculated based on teaching time in weeks divided by total teaching time for all topics, e.g. Static electricity = 1/8.5 x 100 = 12%

GR 8

Suggested change to DBE ATP: reduced time to teach each topic to allow enough time for end-of-year examinations. There should be enough time to teach the content either way.

GET CAPS docs


Join our WhatsApp group

TAS Community Page

Resources for GET Cognitive Analysis



Keep track of your curricular progress here ↓

ACADEMIC WEEKS	CAPS TOPIC	CORE CONTENT & PAGE NUMBERS		SUGGESTED EXERCISES	POSSIBLE PRACTICAL TASKS / CONSOLIDATION	DATE CONTENT WAS COMPLETED
		Based on The Answer Series Gr 8 Natural Sciences 3-in-1 Class Text & Study Guide				
WEEK 1 & 2 6 – 16 Oct <a href="#">Lesson plan</a> <a href="#">Lesplan</a>	The Solar system <i>10 school days</i> 	The sun – organising the universe	p. 219 – 220	p. 242: Q2	Watch <b>The Answer Series Videos</b> on this topic on YouTube: English playlist <a href="#">here</a>   English & Afrikaans Worksheets <a href="#">here</a> - Interactively explore our solar system and its planets <a href="#">here</a> - <b>ENRICHMENT:</b> Watch how earth is protected from asteroids <a href="#">here</a> - Look at some impact craters on Earth's surface <a href="#">here</a> ENRICHMENT: explore the conditions of other Earth-like planets <a href="#">here</a>	
		Objects around the sun – planets; dwarf planets; moons; asteroids; meteors and meteorites; comets	p. 220 – 227	p. 242/244: Q3 – Q6		
		Earth's position in the solar system	p. 227	p. 242: Q1; p. 244: Q7		
WEEK 3 19 – 23 Oct	Beyond the solar system <i>5 school days</i>	The Milky Way Galaxy	p. 228 – 229	p. 245: Q2	Take a tour through the Milky Way Galaxy <a href="#">here</a> - Download and play <a href="#">this</a> slideshow to see the universe organised from the biggest to the smallest distance - Watch <a href="#">this</a> video on light years, hours and minutes NOTE Not all shared resources are TAS creations – some are shared contributions from our Teacher WhatsApp group.	
		Our nearest star	p. 230	p. 245: Q3		
		Light years, hours and minutes	p. 231 – 232	p. 246: Q4 – Q6		
		Beyond the Milky Way Galaxy	p. 233	p. 245: Q1		
WEEK 4 26 – 30 Oct	Looking into Space <i>5 school days</i>	Early viewing of space – stars in the night sky	p. 233 – 234		- How do we study stars? Watch <a href="#">here</a> - Study more star maps from Iziko Museum <a href="#">here</a> ENRICHMENT: download awesome posters of the space telescopes <a href="#">here</a> - How Hubble changed astronomy – watch <a href="#">here</a> - How Hubble images are made – watch <a href="#">here</a> - The SALT – watch <a href="#">here</a> What is the purpose of the SKA? – watch <a href="#">here</a>	
		Constellations	p. 234 – 237	p. 247/248: Q2 & Q3		
		Telescopes – the basics	p. 237 – 238			
		Optical telescopes	p. 238 – 240	p. 249/250: Q4 & Q5		
		Radio telescopes	p. 241	p. 247: Q1; p. 250: Q6		
WEEK 5 2 – 6 Nov	Time for consolidation & revision <i>5 school days</i>			Practice Exam: <a href="#">ENG &amp; MEMO</a>   <a href="#">AFR &amp; MEMO</a>		
WEEK 6 – 10 9 Nov – 9 Dec	Final Exams	Formal assessments: TASK 7 – Exam (60% Term 3 content and 40% Term 4 content @ min 50 marks)				

NOTE

- The final exam must cover TERM 3 and 4 content.
- The content of TERM 3 must be equivalent to 60% of the paper.
- The content of TERM 4 must be equivalent to 40% of the paper.
- Also, remember to calculate the % weighting for each topic, based on the amount of teaching time to ensure that the content is not over/under assessed.
- The accompanying table shows an **example** for the mark allocation per topic if the exam were out of 90 marks.

	TOPIC	% of paper	ATP teaching time	Mark allocation $\frac{\text{teaching weeks}}{\text{total weeks}} \times \text{number of marks}$
TERM 3	Static electricity	60% of the paper i.e. 54 marks	1 week	± 6 marks
	Energy Transfer in Electrical Systems		2.5 weeks	± 16 marks
	Serial and Parallel Circuits		2 weeks	± 13 marks
	Visible Light		3 weeks	± 19 marks
	<b>TOTAL:</b>		<b>8.5 weeks</b>	
TERM 4	The Solar System	40% of the paper i.e. 36 marks	2 weeks	± 18 marks
	Beyond the Solar System		1 week	± 9 marks
	Looking into Space		1 week	± 9 marks
	<b>TOTAL:</b>		<b>4 weeks</b>	

$$\frac{1}{8.5} \times 54$$