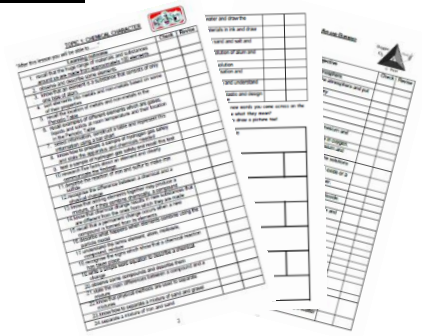


## Year 9 Physics Revision Checklist and Key points

Remember to check that you know each learning outcome from pages 1-2 of earth and space and pages 2 from heat transfer. All learning outcomes could be asked unless specifically mentioned below.



<b><u>Earth and Space</u></b>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 1-10 (Learning outcomes 4-6 not required)	What is the name of our galaxy?	How does a star form and die?	What is a solar system?	
	Name a rocky planet	What planets are in our solar system?	Name a Gaseous planet	
Learning Outcomes 11-21	Define a "day" (mention <u>rotate</u> in your answer)	A day on earth is _____ hours	Can you draw on earth... <ul style="list-style-type: none"> <li>• Day and night</li> <li>• Hemispheres</li> <li>• The equator</li> <li>• The Axis</li> </ul>	Can you identify the seasons?
	What causes winter?	Define a "year" (it's not 365 days)		
Learning Outcomes 22-31 (Learning outcome 32-33 not required)	What is gravity?	Define mass	Define Weight	
	Weight = _____ x _____		Define "Satellite" Give an example	

<b><u>Heat Transfer</u></b>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 1-5	What is Temperature?	What is heat?	Heat can travel by • C • C • R	
	Heat moves from _____ to _____		Conduction happens best in which state?	
Learning Outcomes 5-11	Main method of heat transfer in a <u>liquid</u> is....	Two methods of heat transfer in a <u>gas</u> are....	Only type of heat transfer which happens in a vacuum is...	
	Metals are good thermal c_____		Plastic and wood are good thermal i_____	
Learning Outcomes 12-19	Choose between white and black for the following.....			
	_____ is a good absorber of radiated heat	_____ is a good reflector of radiated heat	_____ is a good emitter of radiated heat	
What are teapots silver?		Why does a black object get warm in the sun? (don't say attract!!)	State 3 methods of reducing heat loss in a house	

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| <p>Remember to bring to your exam</p> <ul style="list-style-type: none"> <li>• 2 Pens</li> <li>• Pencil</li> <li>• Rubber</li> <li>• Ruler</li> <li>• Calculator</li> </ul> |
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