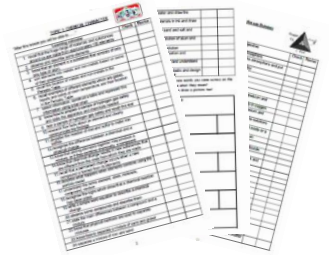


Year 9 Physics Revision Checklist and Key points

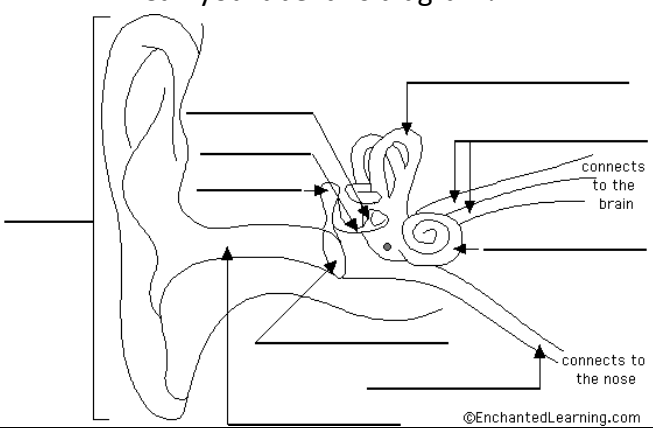


Remember to check that you know each learning outcome from pages 1-2 of earth and space, page 2 from heat transfer and page 2 of Sound.
All learning outcomes could be asked unless specifically mentioned below.

<u>Earth and Space</u>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 1-11 not required				
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"> • Day and night • Hemispheres • The equator • The Axis 	Can you identify the seasons?
	What causes winter?	Define a "year" (it's not 365 days)		
Learning Outcomes 22-33	What is gravity?	Define mass	Define Weight	
	Weight = _____ x _____		Define "Satellite" Give an example	
	State three limitations of space travel	State three ways of removing space junk		

<u>Heat Transfer</u>	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 <ul style="list-style-type: none"> • 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

Sound	Test your revision...Can you explain each of the key points below?		Revised? ✓
Learning Outcomes 1-9	What is frequency? What are its units?	What is amplitude? What are its units?	
	What are the two types of wave?	<p>Can you label this diagram?</p>  <p>©EnchantedLearning.com</p>	
	How are sounds produced?		

- Remember to bring to your exam
- 2 Pens
 - Pencil
 - Rubber
 - Ruler
 - Calculator