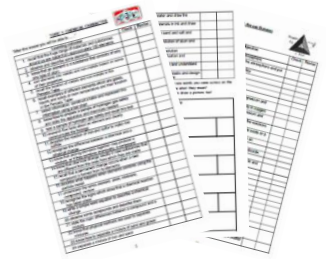
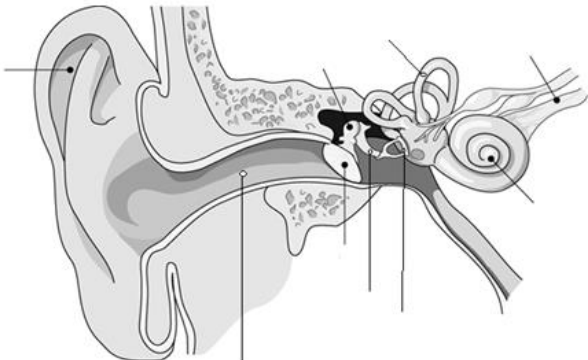


Year 9 Physics Revision Checklist and Key points

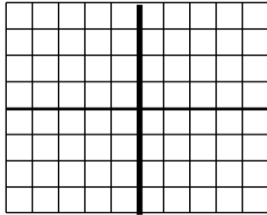
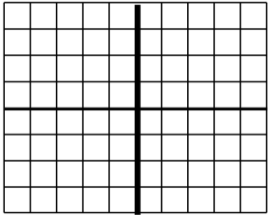


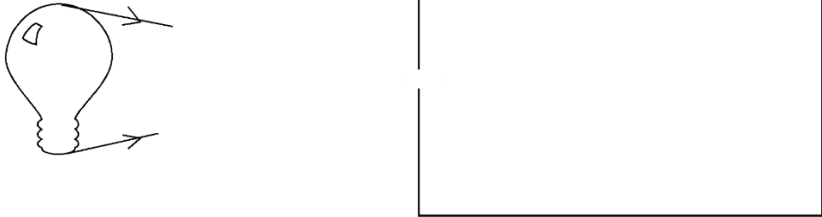
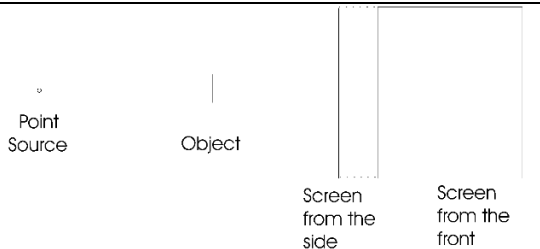
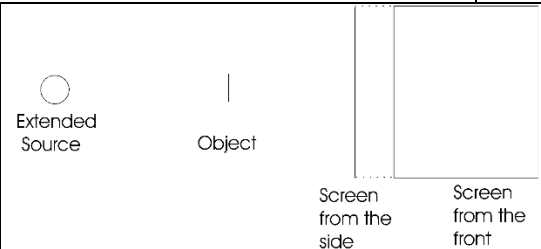
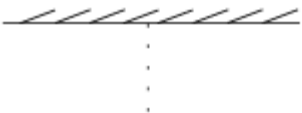
Remember to check that you know each learning outcome. All learning outcomes could be asked unless specifically mentioned below.

<u>Earth and Space</u>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 1-10	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	
	Name a constellation	What is a nebula?	Explain how stars form from nebula	

<u>Sound</u>	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> 	
	How are sounds produced?		

Learning Outcomes 10-18	$\text{Speed} = \frac{\text{Distance}}{\text{Time}}$	Distance = _____ x _____	Why can sound not travel in a vacuum?	
	AMPLITUDE of a sound means the same thing as the _____ of the sound		In which state of matter does sound travel the fastest?	
Learning Outcomes 19-28	How does the length of a vibrating object affect its pitch?		The FREQUENCY of a sound means the same thing as the _____ of the sound	

Learning Outcomes 19-28 Cont..	Draw a high pitched sound 	Draw a low pitched sound 	
	What is the normal range of frequencies for human hearing?	List two animals which have different hearing ranges to humans 1. 2.	What is noise?

Light and Shadows		Test your revision...Can you explain each of the key points below?		Revised? ✓
Learning Outcomes 1-5	What is the name of objects which produce light?	Objects which do not give out their own light are known as _____	Light travels in _____ lines	
Learning Outcomes 6-10	Complete the diagram to show how a pinhole camera works 			
				
	Type(s) of shadow above are?	Type(s) of shadow above are?		
Learning Outcomes 11-14	What is the law of reflection?	How do you mark a 'normal'?		
	Four properties of a reflection are; 1. 2. 3. 4.	Complete the mirror diagram below to give an incident of 23° 		



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

