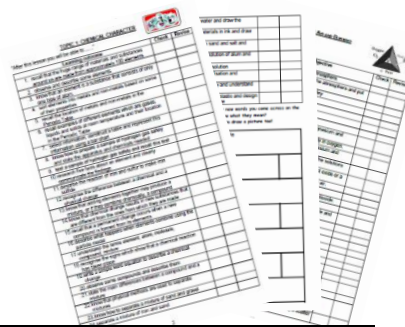


# Year 9 Chemistry Revision Checklist and Key points

Remember to check that you know each learning outcome

All learning outcomes could be asked unless specifically mentioned below. You should also make sure you know the definitions on each word wall and how to plot graphs

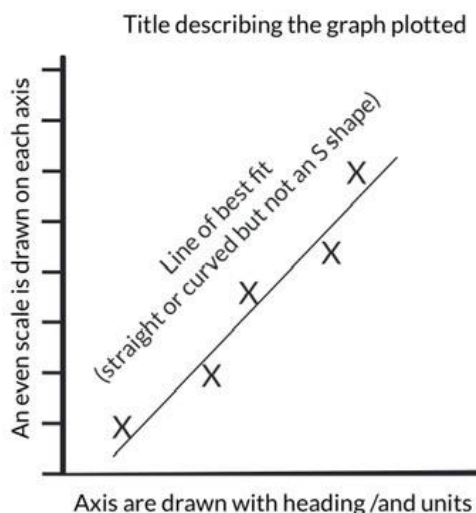



<u>Chemical Character</u>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 8-10	Apparatus and chemicals to prepare hydrogen	Test for hydrogen	Bar Charts	
Learning Outcomes 11-19	Define compound and molecule	Reaction of iron and sulfur	Chemical vs physical change	
	Properties of compounds are different to the elements	Word equations	Signs of a chemical reaction	
Learning Outcomes 20-31	Difference between a mixture and compound	When do you use a sieve?	How do you separate sand and salt?	
	What is chromatography? What does it do?	Why do we need to recycle?	When do you use filtration?	

Remember to bring to your exam

- 2 Pens
- Pencil
- Rubber
- Ruler
- Calculator

Drawing scatter graphs



<b><u>Air and burning</u></b>	Test your revision...Can you explain each of the key points below?			Revised? ✓
Learning Outcomes 1-10	Percentage of gases in the air	Oxygen was discovered by...	Apparatus and chemicals to produce oxygen	
	Test for oxygen	Burning in air vs burning in oxygen	Acid vs alkaline oxides	
Learning Outcomes 11-24	Reactions of Carbon dioxide	Uses for other gases	What happens the mass when magnesium is heated?	
	The test for carbon dioxide	What is oxidation?	Equation for magnesium reacting in air	
Learning Outcomes 25-29	Complete the fire triangle 		What happens is one side of the fire triangle is removed?	
	How would you put out a chip pan fire?	The link between the volume of air and the burning time is...		
Learning Outcomes 30-41	Name four pollutants	Describe the damage caused by each of the pollutants	What is a catalytic converter?	
	What acid is produced when nitrogen oxides come in contact with rainwater?	How can we reduce air pollution?	What gas causes global warming?	