







Year 9 revision checklist

Topic	we are learning:			
Hazards	Recognise hazard symbols			
	Describe hazards			
	Why we use hazard symbols			
Safety rules	Spot mistakes and dangerous behaviour in the laboratory			
Apparatus	Recall names of common apparatus			
	Draw simplified 2D diagrams of apparatus			
	Measure volume accurately			
Graphs	Success criteria for drawing bar charts			
	Success criteria for drawing line charts			
	Be able to interpret graphs and describe trends			

Topic	we are learning:			
Rate of reaction	What is meant by rate of reaction			
	Recall the factors that affect the rate of reaction			
	Temperature Concentration Surface area Catalyst			
investigations	Explain how these factors effect the rate of a reaction			
	Recall the practical investigations used to show how the rate of a reaction changes – -measuring time taken for precipitate to form -measuring the time taken for reactant to be used up -how quickly gas is produced in a reaction			
	Determine when a reaction is finished (from a line graph or observations)			
Collision theory	Use collision theory to explain why the rate of reaction changes			

Topic	We are learning to:	😊	😐	😞
Speed Trap	State the equations showing the relationship between average speed, distance travelled and time taken.			
	Use the equations carry out calculations.			
	State the units of speed.			
Distance time graphs	Interpret a distance – time graph.			
	Draw a distance – time graph from information given.			
	Use information from a distance – time graph to calculate speed.			
	Use a distance – time graph to describe an objects journey.			
Braking News	State the definition of Thinking Distance.			
	State the definition of Braking Distance.			
	State how to calculate the total braking distance.			
	Write down how total stopping distance can be increased.			
	Interpret a thinking distance/braking distance chart.			

Topic	we are learning:	😊	😐	😞
<b>Food</b>	Name the 7 food groups and their role in the body			
	Match food with the nutrients found in it.			
	Food tests –Protein Sugar Starch Fat			
	Recall the consequences of imbalances in the diet, including obesity, starvation and deficiency diseases			
	Careers – know the work of a dietician			
	Recall the investigation to measure energy content in food			
<b>Digestion</b>	Digestive system – know the main organs and their function			
	Chemical digestion - know the definition of an enzyme, the names of 3 digestive enzymes and their role.			
	Mechanical Digestion – Know the structure of teeth Know the different types of teeth and their roles			

