Materials Covered

3rd Term Exams

Year: 8

Subject	Included Materials
English	1. A Christmas Carol Chapter 1 to 5 + general questions 2. Writing genres - Formal letter writing of invitation - Friendly letter writing - Balanced argument writing - Game review - Play script 3. Grammar: Inversion+ reported speech 4. Listening IGSE material June /October 2019& 2020 - Revision includes features of writing realistic fiction
Math	<u>Number and calculation</u> Irrational numbers. Standard form. Indices. <u>Equations and inequalities</u> Constructing expressions. Solving equations. Expanding brackets. Inequalities. <u>Angles</u> Calculating angles. Interior angles of polygons. Exterior angles of polygons. Constructing the perpendicular bisector of a line. Pythagoras theorem. <u>Sequences</u> Sequence, Using the nth term. <u>Graphs</u> Plotting graphs. Scatter graphs. Stem-and Leaf diagrams. Back – to – back Stem-and Leaf diagrams & Mode, Median, Mean and range.

	Ratio and percentage Simplifying Ratios. Using Ratios. Percentage of a number. Percentage profit, increase or decrease. **Probability** Finding the probability of an event. **Position and transformation** Bearings. Mid-Points of a line segment. Rotation, Enlargement. **Volume and surface area** Calculating the volume of prisms. Calculating the surface area of triangular prisms, pyramids and cylinders.
Science	**Book Stage 9:** **Unit 9 Electricity:** 9.1 Parallel circuits 9.2 Current and voltage in parallel circuits 9.3 Resistance 9.4 Practical circuits **Book Stage 8:** **Unit 3 Forces and energy** 3.1 Forces and motion 3.2 Speed 3.3 Describing movement 3.4 Turning forces 3.5 Pressure between solids 3.6 Pressure in liquids and gases 3.7 Particles on the move