GANGA INTERNATIONAL SCHOOL

CLASS – VIII

ENGLISH

S.NO.	TOPIC
1.	Prepositions
2.	Modals
3.	Verbs
4.	Tenses
5.	Voices (Active, Passive)
6.	Adjectives, Adverbs, Nouns, Pronouns
7.	Direct Indirect Speech
8.	Degree of Comparison

SCIENCE

S.NO.	TOPIC	CONTENT
1.	Nutrition in Plants	Nutrition and its Types, Autotropic and Heterotrophic Nutrition, Replenishing Nutrients in the soil
2.	Nutrition in Animals	Nutrition in Amoeba and Hydra. The Human Digestive System.
3.	Structure of Matter	What is matter made up of? Elements and Compounds, Mixtures, Methods of chemical communication- symbols, formulae.
4.	Heat and its effects	Effects of Heat. Expansion in Fluids, Liquids and Gases.
5.	Acid, Bases and Salts	Acid and Bases- their important properties.
6.	Chemicals and Chemical Changes	Physical and Chemical Changes. Types of Chemical Reactions.
7.	Weather, Climate and Adaption	Weather, Climate, Effect of Sun on Climate, Climate and Adaptation.
8.	Soil	Composition of Soil, Formation of Soil. Types of Soil, Properties of Soil, Soil Erosion.
9.	Respiration	Respiration in Plants and Animals, The Respiratory System in Humans.
10.	Transportation of Materials in Plants and Animals	Transportation of Materials in Plants and Animals, Excretion in Animals.

11.	Motion and Time	Measurements of Time. Speed, Uniform Motion, Non- Uniform Motion.
12.	Light	Reflection of light. Real and Virtual Images, Spherical Mirrors.
13.	Electric Current and its effects	Electric Current and Circuit, Effects of Electric Current, The Electromagnet.
14.	Water and Natural Resource	Our Natural Resources, Renewable and Nonrenewable Resources, Water as Renewable Resources. The Water Cycle, Ground Water.
15.	Our Forests	Forest Wealth, Producers, Consumers and Decomposers, Food Chain. Forest Conservation.

MATHEMATICS

S.NO.	TOPIC	CONTENT
1.	Number System	Arithmetic operations on Integers, Decimals and Rational Numbers, Conversion of Units and Decimals to Fractions and Vice Versa.
2.	Algebra	
	a) Simple Equation	Solution of Linear Equation in One Variable, Formation of Equation
	b) Algebraic Expression	BODMAS Rule, Addition and Subtraction of Polynomials.
3.	Geometry	
	a) Lines and Angles	Median, Altitude, Types of Angles, Parallel Lines and Properties of Angles between two Parallel Lines.
	b) Triangle and its Properties	Angle Sum Property of Triangle, Pythagoras Theorem, Exterior Angle=Sum of Interior Opposite Angles of a Triangle
4.	Construction of Angles, Congruence of Triangles -	
5.	Data Handling	Mean, Mode, Medians.
6.	Mensuration	Perimeter, Circumference, Area of a Square, Rectangle, Circle, Semi-circle. Area of Rhombus.
7.	Comparing Quantities	Conversion into % of Decimal, Fractions Whole Numbers, Word problems based on %, Word problems based on CP, SP, Profit % and Loss %, SI and Amount.

हिन्दी

क्रमांक	विषय
१.	भाषा
२.	वर्ण विचार
३.	शब्द विचार
४.	संज्ञा
५.	संज्ञा के विकारक तत्व
६.	सर्वनाम
७.	विशेषण
८.	क्रिया
९.	क्रिया विशेषण
१०.	संधि
११.	शब्द रचना
१२.	मुहावरे