



Ganga International School

Syllabus for Entrance Exams 2010-11

Class- VII

ENGLISH

1. Unseen comprehension
2. Application
3. Informal letter
4. Paragraph writing
5. Prepositions
6. Verbs
7. Tenses
8. Conjunctions
9. Adjectives, Adverbs, Nouns, Pronouns.

SCIENCE

1. Sources of Food: - Food and nutrients, Sources of food, Food habits of animals, Food chain.
2. Components of Food: - Carbohydrates, Fats, Proteins, Vitamins, Minerals, Water, Roughage, Balanced diet,
3. Deficiency diseases.
4. Sorting materials into groups: - Matter, Concept of classification, its advantages, Properties of materials, States of matter.
5. Separation of substances: - Mixtures, Pure substances, Importance of separation, Methods of separation, solubility, importance of water as solvent.
6. Changes around us: - Reversible and irreversible changes, Physical and chemical changes, Example.
7. Living and Non-living:- Living and Non-living, Common features of Living and Non-living things, Differences, Characteristics of living things.
8. Getting to know plants :- Herbs, Shrubs and trees, Plant systems, Root-functions and modifications, Stem-functions and modifications, Flowers and fruits.
9. The body and their movements: - Organization and structure of the body, Movement, The human skeletal system, Structure of the human skeleton, Joints and movement, Movement in other animals.
10. Living organisms and their surroundings: - Biotic and a biotic components of the environment and their interactions, Habitat, Types of Habitat, Adaption.
11. Measurement and Motion: - Measurement, Standard units, Measurement of length, Importance of estimation, Motion , Different motions.
12. Electricity and Circuits: - Electric current, Electric circuits, Conductors and insulators, Electric cells.
13. Fun with Magnets :- Magnetic and non-magnetic substances, Poles of magnet, The Earth's magnetism, Making magnets, Magnetic Field, Uses
14. Water: - Importance of Water, States of water, Change of state, Water cycle, Sources of water, Drought and Flood, Conservation of water.
15. Air around us: - Atmosphere, Air composition, Air supports life, Oxygen cycle.
16. Garbage in Garbage Out: - Types of waste, Reusing and recycling waste, How can you reduce waste?

MATHEMATICS

1. Integers: - Addition and Subtraction of integers on number line.
2. Practical Geometry: - Circle, Line segment, Perpendiculars, Angles, Bisector of an angle.
3. Whole Numbers: - Number line, Associativity of addition and multiplication.
4. Knowing Our Numbers: - Comparing numbers, Estimation, Roman Numerals.
5. Mensuration: - Perimeter, Perimeter of regular shapes, Area.
6. Ratio: - Sharing ratio, unitary method.
7. Fractions: - Proper, Improper, Mixed, Equivalent Fractions, Addition and subtraction of fractions, Word problems, Comparing.
8. Decimals as fractions, Hundredths, Comparing decimals.
9. Algebra: - Word problems, Expressions with variables.

HINDI

- 1 भाषा
- 2 वर्ण विचार
- 3 पर्यायवाची
- 4 विलोम
- 5 मुहावरे
- 6 वर्ण विचार
- 7 सर्वनाम
- 8 विशेषण
- 9 क्रिया
- 10 कारक
- 11 क्रिया के प्रकार
- 12 अनुच्छेद
- 13 पत्र लेखन
- 14 अपठित गद्यांश