



Young Scholars Foundation

SCIENCE SYLLABUS

Grade 1 to 10

Grade - 1

Section 1: Science Reasoning

Section 2: General Science

Living and non- living things. Plants and animals, Food, Human Body, Clothes and food, Our and surroundings, Sky, Weather and season, Good habits and Safety Rules.

Section 3: Logical Reasoning

Verbal and non- verbal reasoning. This Section includes topics like blood relation, coding- decoding, direction sense test and number sense, alphabet series problem solving based on picture diagrams and shapes, classification (odd one out) images, matrix spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order thinking Questions- from Sections 1 to 2

Grade - 2

Section 1: Scientific Reasoning

Section 2: General Science

Living and Non-living things. Plants and Animals, Food, Human Body, Housing and Clothing and Festivals, Water Air Weather and Season, Occupations and Surroundings, Transportation and Communication, Earth and Universe, Good habits and Safety Rules.

Section 3: Logical Reasoning

Verbal and Non-Verbal reasoning. This section includes topics like- blood relation coding- decoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out) images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order thinking Questions- from 1 & 2

Grade - 3

Section 1: Scientific Reasoning

Section 2: General Science

Animals around us, plants around us, Human body, Soil, Natural resources, Matter and materials, Earth and the universe, me & my family, special people.

Section 3: Logical Reasoning

Verbal and Non-verbal reasoning. This section includes topics like blood relation coding- decoding direction sense test number series, alphabet series problem solving based on friction diagrams and shapes, classification (odd one out) images, matrix spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking questions- from Section 1 & 2

Grade - 4

Section 1: Scientific Reasoning

Section 2: General Science

Animal adaptation, Plant adaptation, Human Body and Food, Matter and materials, Earth and the universe, Our environment, Force and Energy, Measurement

Section 3: Logical Reasoning

Verbal and Non- verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embeddedfigure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade - 5

Section 1: Scientific Reasoning

Section 2: General Science

Human body and nutrition, Plant bacteria and fungi, Animal Kingdom, Soil rocks and minerals, Natural calamity, Air water and environment, Work, force energy and simple machine, Light, Sound, Matter and Heat.

Section 3: Logical Reasoning

Verbal and Non- verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade - 6

Section 1: Scientific Reasoning

Section 2: General Science

Cells- The building block of life, Plant transport system, Heredity and reproduction, Organisms and their environment, Garbage in garbage out, The electrical system, Light, shadow and reflection, Fun with magnets, From fiber to fabric, Sorting and separation of materials

Section 3: Logical Reasoning

Verbal and Non- verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade -7

Section 1: Scientific Reasoning

Section 2: General Science

Nutrition in plants and animals, weather, climate and adaptations of animals to climate, Natural resources and their conservation, Respiration in organism, Reproduction in plants, transportation in plants and animals, Heat, Motion and Time, Electric current and its effect, Light Wind storms and cyclones, Acid bases and salt, physical and chemical changes

Section 3: Logical Reasoning

Verbal and Non- verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade - 8

Section 1: Scientific Reasoning

Section 2: General Science

Crop Production and Management, Microorganisms, Conservation of Plants and Animals, Cellstructure and function, Reproduction and endocrine System, Pollution of air and water, Force and Pressure, Friction, Sound, light, some natural phenomenon, chemical effect of electric current, Synthetic fibers and Plastics, coal and petroleum, metals & non-metals, and combustion & flame

Section 3: Logical Reasoning

Verbal and Non-verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade - 9

Section 1: Scientific Reasoning

Section 2: General Science

Tissues, Diversity in living organism, Why do we fall ill, Natural Resources, Improvement in Food Resources, Force and law of motion, Gravitation, Work and energy, Sound, All about matters, and Atoms and molecules

Section 3: Logical Reasoning

Verbal and Non-verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

Grade -10

Section 1: Scientific Reasoning

Section 2: General Science

Life process, Reproduction in organisms, Heredity and evolution, Our environment and its management, Light- Reflection and Refraction, The physiology of human eye, Magnetic effects of electric Current, Electricity, Sources of energy, Chemical reactions and equations, Acids, Bases and Salts, metals and non-metals, Carbon and its compounds and Periodic classification of elements

Section 3: Logical Reasoning

Verbal and Non- verbal reasoning. This section includes topics like- blood relation, codingdecoding, direction sense test, number series, alphabet series, problem solving based on pictures, diagrams and shapes, classification (odd one out), images, matrix, spotting out the embedded figure, clock and calendar.

Section 4: Wise Wizard

Higher Order Thinking Questions – from Sections 1 & 2

