

# **CBS SCIENCE & MATHS OLYMPIAD 2024**

## **SCIENCE SYLLABUS**

### **Grade 1 to 10**

#### **Grade - 1**

##### **General Science Or EVS**

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.

#### **Grade - 2**

##### **General Science Or EVS**

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.

Higher Order thinking Questions

#### **Grade - 3**

##### **General Science Or EVS**

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

Higher Order Thinking questions- from Section

#### **Grade - 4**

##### **General Science Or EVS**

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

Higher Order Thinking Questions

## **Grade - 5**

### **General Science Or EVS**

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.

Higher Order Thinking Questions

## **Grade - 6**

### **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

Higher Order Thinking Questions

## **Grade -7**

### **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

Higher Order Thinking Questions

## **Grade - 8**

### **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

Higher Order Thinking Questions

## Grade - 9

### 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

Higher Order Thinking Questions

## Grade -10

### 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

Higher Order Thinking Questions

