

SRF OLYMPIAD (CVRSO) SYLLABUS

GRADE – I

Our Surroundings, Plant life, Animal life, Human body, Air, water, weather,
Our universe.

GRADE – II

Plant life, Animal life , Human body ,Housing and clothing ,Air , Water,Rocks &
Minerals , The moon ,The sun

GRADE – III

Plants, Animals, Birds, Our Body, Housing and Clothing, Air and Water,
Weather and Seasons, Soil and Rocks,Light, Sound, and Force, Measurement

GRADE – IV

Plants, Animals, The world of microbes, Teeth and Digestion,Healthy eating,
Clothing, Air and water, Weather, Matter and Materials, Force, work and energy,
Our solar system.

GRADE – V

Plants, Animals, Food health & Diseases, The Skeletal and Nervous System,

Soil erosion and conservation, Rocks and Minerals, Natural Disasters,

Earth and Satellites, Air and Water, Force and energy, Matter, Light and
Sound

CLASS – VI

Physics:

1. Motion and measurement of Distances
2. Light, shadows and Reflections.
3. Electricity and Circuits
4. Fun with Magnets

Chemistry:

1. Sorting materials into groups.
2. Separation of Substances.
3. Air around Us

Biology:

1. Components of food.
2. Getting to know plants.
3. Body movements.
4. The living Organisms - characteristics and Habitats.

CLASS – VII

Physics:

1. Heat
2. Motion and Time
3. Electric Current and Its Effects
4. Light

Chemistry:

1. Acids, Bases and Salts
2. Physical and Chemical Changes
3. Waste Water Story
4. Changes Around Us

Biology:

1. Nutrition in Plants & Animals
2. Forest Our Lifeline
3. Respiration in Organisms
4. Transportation in Plants and Animals
5. Reproduction in Plants

CLASS – VIII

Physics:

1. Force and Pressure
2. Friction
3. Sound
4. Light
5. Chemical Effects of Electric Current

Chemistry:

1. Coal and Petroleum
2. Combustion and Flame
3. Some Natural Phenomena
4. Metals and Non-metals

Biology:

1. Crop Production and Management
2. Micro-Organisms: Friend and Foe
3. Conservation of Plants and Animals
4. Reproduction in Animals
5. Reaching the Age of Adolescence

CLASS – IX

Physics:

1. Force and Laws of Motion
2. Gravitation
3. Work and Energy
4. Sound
5. Motion

Chemistry:

1. Matter in our Surroundings
2. Is Matter Around Us Pure?
3. Atoms and Molecules
4. Structure of the Atom

Biology:

1. The Fundamental Unit of Life
2. Tissues
3. Improvement in Food Resources

CLASS – X

Physics:

1. Light - Reflection and Refraction
2. The Human Eye and the Colourful World
3. Electricity
4. Magnetic Effects of Electric Current

Chemistry:

1. Chemical Reactions and Equations
2. Acids, Bases and Salts
3. Metals and Non-Metals
4. Carbon and its Compounds
5. Classification of Elements - The Periodic Table

Biology:

1. Life Processes
2. Control and Co-ordination
3. How do Organisms Reproduce?
4. Heredity