



IOSA OLYMPIAD

SYLLABUS (GRADE 1ST)

Astronomy

- Our Solar System - Name of Planets, Moons, Stars etc
- Different Space Organization in world
- Identify Constellations & Planets
- The Motions and Phases of the Moon

Science

- Understanding of Living and Non-living Things
- Study of Plants & Animals.
- Human Beings and Their body organs.
- Air and Water
- Weather in different Month
- Study of Sky.

Maths

- Geometrical Shapes and Solids, Numerals, Number Names, Weights and Comparisons, Number Sense (2-3 digit numbers), Addition of 2 digit number, Subtraction of 2 digit numbers, Lengths meter & centimeter



IOSA OLYMPIAD

SYLLABUS (GRADE 2ND)

Astronomy

- Study of Solar System.
- The Motions of Planets in the Sky.
- The Motions and Phases of the Moon.
- Study of Constellations.

Science

- Different Transport and Communication,
- Study of Plants & Animals.
- Good Habits and Safety Rules
- Air and Water
- Weather in different Month
- Vitals organ of Body

Maths

- Money, Lines, Shapes and Solids, Numerals, Number Names and Number Sense of different digit, Multiplication & Division of numbers, Computation Operations, Understanding of Length, Weight, Capacity, Time, and Temperature



IOSA OLYMPIAD

SYLLABUS (GRADE 3RD)

Astronomy

- Study of Solar System.
- The Motions of Planets in the Sky.
- Life on different planets
- Study of Stars & Constellations.

Science

- Matter and Materials,
- Light, Sound, and Force
- Air and Water
- Weather in different Month
- Our Environment.

Maths

- Computation Operations, Fractions, Length, Weight, Capacity, Temperature, Time, Money, Geometry, Multiplication & Division of numbers, Computation Operations, Understanding of Length, Weight & Temperature



IOSA OLYMPIAD

SYLLABUS (GRADE 4TH)

Astronomy

- Study of Solar System.
- Study of STARS, PLANETS, etc.
- Rotation & Revolution of Planets.
- Life on different planets
- Weather & Seasons
- Study of Stars & Constellations.

Science

- Study of Plants & Animals
- Light, Sound, and Force
- Work and Energy,
- Our Environment.
- Matter and Materials

Maths

- Basic Geometry, Perimeter of Various Shapes, Understanding Symmetry, Conversions, Fractions, Length, Weight, Capacity, Time calculations & Money.



IOSA OLYMPIAD

SYLLABUS (GRADE 5TH)

Astronomy

- The Birth and Evolution of Planetary Systems
- Study of OUR UNIVERSE
- Weather & Seasons
- Our Star—The Sun
- Study of Galaxies

Science

- Natural Resources
- Light, Sound, and Force
- Work and Energy,
- Human Body and Health,
- Pollution and Calamities

Maths

- Basic Geometry, Area of Rectangle and Square, Perimeter of Various Shapes, Understanding Symmetry, Conversions, Fractions, Length, Weight, Capacity, Averages, Simple Interest Calculations.



IOSA OLYMPIAD

SYLLABUS (GRADE 6TH)

Astronomy

- The Birth and Evolution of Planetary Systems
- Patterns in the Sky—Motions of Earth
- The Universe Began in the Big Bang
- Our Star—The Sun
- Asteroid, Comets & Meteorites.
- SETI – detecting intelligent life

Science

- Motion and Measurement of Distances
- Understanding Light,
- Basic of Reflections
- Living Organisms and Their Surroundings
- Sound and Force

Maths

- Ratio And Proportion, Mensuration, Algebra Basic Geometry, Area of Rectangle and Square, Perimeter of Various Shapes, Understanding Symmetry, Conversions, Fractions, Length, Weight, Capacity and Averages