INTERNATIONAL OLYMPIAD ACADEMY
CSAR Learning Solutions Pvt. Ltd. initiative

INTERNATIONAL OLYMPIAD ACADEMY

SYLLABUS 2026-27

MATH KANGAROO COMPETITION
France

CSAR-INTERNATIONAL SCIENCE OLYMPIAD
India

HIPPO ENGLISH OLYMPIAD
Italy

PREPARATORY RESOURCES *for* **INTERNATIONAL OLYMPIADS 2026-27**

Maths



Science



English



- eReference Books
- eWorkbooks
- ePast Year Papers
- Online Mock Test
- Live Online Classes

Plan, Prepare, Practice and Perform

MATH KANGAROO
COMPETITION 2026-27

SYLLABUS

PRE-ECOLIER - 1 & 2 | *GRADE- 1 & 2*

- Simple arithmetic operations with 1 digit and 2-digit numbers
- Distinguishing simple figures
- Time, clock, number of days in a week
- Number of months in a year

ECOLIER – 1 & 2 | *GRADE- 3 & 4*

- Simple arithmetic operations with 1, 2, 3 and 4-digit numbers
- Recognizing geometric figures.
- A magic square with a sum of 15
- Time, clock, number of days in a week, number of months in a year
- Addition
- Subtraction
- Multiplication
- Division
- Intersection of sets
- Perimeter and area of a square, a rectangle.

BENJAMIN- 1 & 2 | GRADE- 5 & 6

- Addition, subtraction, multiplication, division.
- Magic squares.
- Fractions and decimals.
- Clock, a calendar.
- Perimeter of a polygon, area of a rectangle and a triangle.
- Mathematical logic.
- Lines and rays on a surface
- A cube, a rectangular solid.
- Acute, right, and obtuse angles.

CADET – 1 & 2 | *GRADE – 7 & 8*

- Operations on rational numbers
- Powers of natural numbers
- Angles: acute, right, and obtuse
- Equations, inequalities and systems of linear equations
- Area of a rectangle, a triangle and a circle
- Lines and rays on a surface
- Volume and surface area of geometric figures
- Supplementary angles, sum of angles in a triangle and in a quadrilateral
- Mathematical logic

JUNIOR – 1 & 2 | *GRADE - 9 & 10*

- Operations on real numbers
- Functions
- Polynomials
- Equations
- Inequalities.
- Sequences of numbers
- Elements of combinatorics
- Synthetic & analytic plane geometry

STUDENT – 1 & 2 | *GRADE – 11 & 12*

- Simple arithmetic operations with 1, 2, 3 and 4-digit numbers
- Operations on real numbers
- Functions, polynomials, equations, inequalities.
- Sequences of numbers
- Elements of combinatorics
- Synthetic & analytic plane geometry

INTERNATIONAL SCIENCE OLYMPIAD 2026-27

SYLLABUS

EINSTEIN 1 & 2 | *Grade 1 & 2*

- Living and Non-living things.
- Plant Kingdom.
- The world of animals.
- Human body.
- Food that we eat
- Our basic needs.
- Good habits.
- Safety rules and good manners.
- Our family and surroundings.
- Air, water, weather, and seasons.
- Rocks and minerals.
- Light and shadow.
- The sun, moon, earth, and our surroundings

NEWTON 1 & 2 | *Grade 3 & 4*

- Living & Non living
- Plant Kingdom
- Animal Kingdom
- Human Body
- Food, Food Chain
- All we need
- Matter and Material
- Measurement
- Force, Work and Energy
- Air, water and weather
- Solar System/The Universe

DARWIN 1 & 2 | *Grade 5 & 6*

- Living Non living
- Plant kingdom
- Animal Kingdom
- Human Body
- Cell
- Components of food
- Food Chain
- Atom and molecules
- Matter and Materials
- Energy
- Electricity and Magnets
- Motion and Force
- Light, Shadow and Reflection
- Fiber to Fabric
- Rock and Soil
- Environment
- The Universe

FARADAY 1 & 2 | *Grade 7 & 8*

- Motion
- Work and energy
- Heat
- Electric Current and Its Effects
- Light
- Sound Waves
- Magnetism
- The Universe
- Elements and Compound
- The Periodic Table of Elements
- Sates of Matter
- Acids, Bases and Salts
- Changes Around Us
- Weather, Climate and Adaptations of Animals to Climate
- Wind, Storms and Cyclones
- Natural Resources and Their Conservation
- The Cell: The Unit of Life
- Microorganisms – bacteria, fungi, and protists
- Nutrition in Plants and Animals
- Respiration in Organism
- Transportation in Plants and Animals
- Reproduction in Plants
- Food chain, food web, and transfer of energy in ecosystem
- History of life and earth formation

EDISON 1 & 2 | *Grade 9 & 10*

- Motion
- Force and Laws of Motion
- Gravitation
- Fluids and Floatation
- Work, Energy and Power
- Sound
- Optics
- Electricity
- Magnetic Effects of Electric Current
- Our Universe
- Matter in our Surroundings
- Is Matter Around us Pure?
- Atoms and Molecules
- Atomic Structure
- Chemical Reactions and Equation
- Acids, Bases and Salts
- Metals and Non-metals
- Carbon and Compounds
- Experimental Chemistry
- The Cell: The Unit of Life
- Tissues
- Improvement of Food Resources
- Diversity in Living Organisms
- Why do we fall ill
- Natural Resources
- Life Processes
- Control and Coordination
- How do Organisms Reproduce?
- Heredity
- Our Environment

FRANKLIN 1 & 2 | *Grade 11 & 12*

- Kinematics
- Laws of Motion
- Work, Energy and Power
- Rotational Motion
- Gravitation
- Properties of Matter
- Thermodynamics
- Waves and Oscillations
- Light & Optics
- Sound
- Astronomy
- Electrostatics
- Current Electricity
- Practical Physics
- Stoichiometry
- Atomic Structure
- Periodic Properties of Elements
- Chemical Bonding
- Redox Reactions
- Basic Principles and Techniques of Organic Chemistry
- Hydrocarbons
- Nuclear Chemistry
- Practical Chemistry
- Biochemistry
- Preventive Biology

HIPPO ENGLISH OLYMPIAD 2026-27

SYLLABUS

- Questions will be drawn from school plus syllabus from different standard curriculum of national and international level.
- The official HIPPO website, **https://hippo-olympiad.org/sample-papers/**, contains sample questions, a detailed description of the three rounds' syllabus, and an online exam.
- **Examination Topics**

Topic	A1	A2	B1	B2	C1	C2
Personal Details	■	■				
Family & Friends	■	■				
Hobbies & Leisure Activities	■	■				
Holidays	■	■	■	■		
Transport	■	■	■	■		
Weather	■	■	■	■		
Shopping	■	■	■	■		
Health & Exercise	■	■	■	■	■	■
Education	■	■	■	■	■	■
Work, Jobs & Careers	■	■	■	■	■	■
Films, Media & Entertainment			■	■	■	■
Books and Literature				■	■	■
News, Lifestyles & Culture				■	■	■
Environment				■	■	■
Technology & Science					■	■
Community and Society					■	■
Law and Order						■
Abstract topics						■

LEGEND: ■ ARE TOPICS COVERED IN THE RESPECTIVE GRADE / CATEGORY

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