

## IB DP Placement Test Details Session 2021-22

- **Subject: English (compulsory)**

Duration: 1:30 hours

Syllabus:

- Reading Comprehension
- Writing Task
- Functional Grammar

- **Subject: Mathematics (compulsory)**

Duration: 1 hour

Syllabus:

- Number system
- Probability
- Statistics
- Quadratic Equations
- Trigonometry- Height and distance
- Coordinate Geometry (Distance and section formulae, straight lines)
- Circle
- Mensuration

- **Subject: Physics (for applicants opting for Physics HL)**

Duration: 1 hour

Syllabus:

- Reflection and Refraction of Light
- Current Electricity
- Motion In One Dimension
- Pressure and Up thrust

- **Subject: Chemistry (for applicants opting for Chemistry HL)**

Duration: 1 hour

Syllabus:

- Acids, Bases and Salts
- Periodic Table
- Metallurgy
- Organic Chemistry

- **Subject: Biology (for applicants opting for Biology HL)**

Duration: 1 hour

Syllabus:

- Classification of animals and plants
- Cytology- Cell structure and cell division
- Genetics and heredity
- Plant Physiology- Photosynthesis and respiration
- Human Physiology- Digestive system, Circulatory system, Nervous system, Respiratory system, Excretory system, Endocrine system, Skeletal system and Reproductive system.
- General ecology

- **Subject: Computers (for applicants opting for Computer Science HL)**

Duration: 1 hour

Syllabus:

- Data Types and Operators
- Methods
- Decision making statements/ Conditional statements
- Iterations/ loops