



strawberry fields  
HIGH SCHOOL

## **IB DP Placement Test Details Session 2022-23**

### **Subject: Mathematics (for applicants opting for Mathematics HL)**

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