

# CURRICULUM - IB



NISV

Navrachana International School Vadodara



## Scheme of Studies (International Curriculum)

### (A) IB Primary Years Programme PYP (Nursery to Grade 5)

The PYP follows a trans-disciplinary model that lays a strong foundation of inquiry in the very early years of a child's journey through school. Learning strategies introduced at this stage develop connections of the traditional subjects (such as language, math, science, social studies, performing arts, visual arts) as well as PSPE (personal, social, physical education) with the real world, laying emphasis on the five essential elements i.e. knowledge, concepts, attitudes, skills and responsible action for the future. In terms of the science of education, the IB-PYP Programme represents a combination of wide-ranging research and experience, an excellent coming together of teaching-learning practices derived from a variety of national curricula systems and from IB world schools offering a coherent programme of international education.

### (B) IB Middle Years Programme (Grades 6 to 10)

The MYP consolidates the Primary Years Programme, thus maintaining the required continuity, keeping in mind minimum levels of learning and the IGCSE requirements in the future. It is designed to enable students to move seamlessly into their board examination patterns.

The new MYP design creates an innovative concept based on an appropriately assessed programme for 11-16 year old students that reflects the IB principles of teaching and learning completely. The Personal Project is mandatory for Grade 10 students. All the students follow the inter-disciplinary approach in the academic disciplines of Mathematics, Language and Literature, Language Acquisition, Sciences, Individuals and Societies, Design, Arts and Physical & Health Education. They undergo mandatory training in Performing Arts and Physical & Health Education (Grades 6-8).

#### The subject groups are...

Language and Literature	English
Language Acquisition	Hindi / French / German
Third Language	Hindi / Gujarati
Individuals and Societies	History, Geography, Social and Political life (Gr. 6 to 8) Economics, Business Studies(Gr. 9 & 10)
Sciences	Sciences (Gr. 6 to 8) and Combined and coordinated Sciences (Gr. 9 - 10)
Mathematics	Standard Mathematics and extended Mathematics (Gr. 9-10)
Arts	Visual Arts & Performing Arts
Physical & Health Education	Physical & Health Education
Design	Digital Design

The Personal Project which forms the core of the programme, is mandatory for each MYP student of Grade 10 and shall be moderated by the IBO. Service as Action is mandatory for Grades 6 to 10.

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## (C) The International General Certificate of Secondary Education (IGCSE) - Grades 9 and 10

IGCSE is a popular international qualification for 14-16 year old students. It develops successful students, providing excellent preparation for their next step in education, including progression to Grade 11 of the State and CBSE Boards, Cambridge A and AS Level study or the International Baccalaureate Diploma (IB-DP), and equips them with skills for immediate employment, but more importantly, for challenging under-graduate programmes in Universities across the world. Cambridge IGCSE is recognised by universities and employers in India and across the world.

This course is a balanced mix of practical experience and theoretical knowledge with a choice of Core and Extended papers in most Subjects and therefore suitable for students with varying levels of ability. Students are encouraged to opt for 7 subjects. In addition, students have courses in Physical Education and Life Skills.

IGCSE Grading is based on an eight-point scale (A\* to G). In addition to the IGCSE Certification, the ICE (International Certificate in Education) is also awarded to all students who successfully complete the study of seven subjects, including two languages and minimum one subject from each of the other subject groups. Students who do not meet this requirements of ICE would still be eligible for an IGCSE certification.

### The study programme consists of five groups :

Group 1	-	First Language - English Foreign Language - German/French Second Language - Hindi
Group 2	-	Literature in English, Economics
Group 3	-	Combined Science and Co-ordinated Sciences
Group 4	-	Math, Additional Math
Group 5	-	Art and Design, Business Studies, Information and Communication Technology, Computer Science

## (D) IB Diploma Programme (Grades 11 & 12)

Students who enroll for the two-year IB Diploma Programme (Grades 11 and 12) write their final examination at the end of Grade 12. Internal assessment projects/portfolios completed over the two years also form a part of the final assessment.

The IB Diploma (regular) subjects are arranged in six Groups. The students need to choose one subject from each of the first five Groups and may then choose their sixth subject from Group six or a second subject from Group 3 or 4. This ensures the delivery of a well-balanced curriculum. However, students may apply for a non-regular IB Diploma with three sciences to meet their admission requirement. Students usually study 3 subjects at the higher level (HL) and 3 at the standard level (SL). Theory of Knowledge (ToK), Creativity-Activity-Service Programme (CAS) and Extended Essay (EE) on a topic of the student's choice, form the core of the IB Diploma and are mandatory.

The marks awarded for each course range from 1(lowest) to 7(highest). TOK and the EE are graded A to E with A being the highest grade. These two grades are combined in the Diploma Point Matrix to contribute between 0 to 3 Points to the total. CAS is not assessed but must be completed in order to pass the Diploma. The diploma is awarded to students who earn at least 24 points, subject to certain minimum levels of performance across the whole programme. The highest total that a diploma programme student can be awarded is 45 points.

### Group 1: Studies in Language & Literature

English A Literature Higher Level  
English A Literature Standard Level  
English A Language and Literature Standard Level

### Group 2: Language Acquisition

Hindi B Higher Level  
Hindi B Standard Level  
French B Higher Level  
French B Standard Level  
French Ab-Initio Standard Level  
German B Higher Level German  
B Standard Level German Ab-  
Initio Standard Level

### Group 3: Individuals & Societies

Economics Higher Level  
Economics Standard Level  
Business Management Higher Level  
Business Management Standard Level  
Psychology Higher Level  
Psychology Standard Level  
Information Technology in a Global Society Higher Level  
Information Technology in a Global Society Standard Level  
Environmental Systems & Societies Standard Level

### Group 4: Experimental Sciences

Physics Higher Level  
Physics Standard Level  
Chemistry Higher Level  
Chemistry Standard Level  
Biology Higher Level  
Biology Standard Level  
Environmental Systems & Societies Standard Level  
Computer Science Higher Level  
Computer Science Standard Level

### Group 5: Mathematics

Mathematical: Analysis and Approaches Higher Level &  
Standard Level  
Mathematics: Application and Interpretation Higher Level &  
Standard Level

### Group 6: The Arts Visual

Arts Higher Level Visual  
Arts Standard Level

### Core Requirements

Theory of Knowledge, Extended Essay and  
Creativity, Activity, Service

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## School Timings

### 1. NISV - IB/IGCSE Monday - Friday

Grades 1 -10

8.30 am - 3.10 pm : School Timings

Grades 11 & 12

8.30 am - 3.10 pm : School Timings

3.10 pm - 4.00 pm : Extra classes as per schedule provided

**1<sup>st</sup>, 3<sup>rd</sup> & 5<sup>th</sup> Saturdays/as per school calendar**

Grades 1 - 3 : will not be working

Grades 4 -12

8.30 am - 1 pm : Regular classes, Clubs & other activities.

### 2. Nursery to Prep Sr.

**Monday - Friday**

9.15am - 1.10pm : School Timings

**Saturdays** : Non working for students in this section