

# Required Pre-IB summer study for students entering IB year 1 courses

**IB Diploma students:** Read the IB Subject Briefs for your six chosen subjects, TOK, CAS and the Extended Essay and the IB Learner Profile in the section called "General IB Preparation". Then do the preparation for the individual subjects listed under the "Specific Subject Preparation" section.

**IB DP Course (Certificate) students:** read the subject briefs for your individual subject(s) and then do the preparation for the individual subjects listed under the "Specific Subject Preparation".

## General IB Preparation

### [What is the IB Diploma Program?](#)

[IB Learner Profile](#)

[Core](#)

[Creativity, action, service](#)

[Extended Essay](#)

[Theory of Knowledge](#)

### Subjects Briefs

Language A: literature [SL/HL](#)

Language A: language and literature [SL/HL](#)

Language B [SL/HL](#)

Language ab initio [SL](#)

Business management [SL/HL](#)

Economics [SL/HL](#)

History [SL/HL](#)

Art History N/A

Biology [SL/HL](#)

Chemistry [SL/HL](#)

Environmental systems and societies [SL](#)

Physics [SL/HL](#)

Mathematical studies [SL](#)

Mathematics [SL/HL](#)

Theatre [SL/HL](#)

Visual arts [SL/HL](#)

---

## Specific subject preparation

### IB English B 1

Lahiri, Jhumpa *The Namesake*

Achebe, Chinua *Things Fall Apart*

Students must purchase these books (**not online versions**) and bring them to school. Students will be tested on both novels during the first week of classes, and many assignments will be based on the two novels throughout the year. They may use one of these books for the IB-assessed Written Task in the second year of the program.

### IB English A: Literature 1

F. Scott Fitzgerald, *The Great Gatsby*

Italo Calvino, *The Nonexistent Knight*

## **IB English A: Language and Literature 1**

Ernest Hemingway, *The Sun Also Rises*

Rickerson and Hilton, *The 5-Minute Linguist: Bite-sized Essays on Language and Languages*

Other recommended titles for all Grade 11 IB English classes:

Willa Cather, *A Lost Lady*

Ralph Ellison, *The Invisible Man*

Eudora Welty, *Delta Wedding*

Edith Wharton, *The House of Mirth*

Toni Morrison, *The Bluest Eye*

Hermann Hesse, *Siddhartha*

T.S. Eliot, *Murder in the Cathedral*

John Steinbeck, *The Grapes of Wrath*

## **IB Biology 1**

Ben Goldacre, *Bad Science* ISBN 978-0007284870

Siddhartha Mukherjee, *The Gene, an intimate history* ISBN 978-1476733500

Other Recommended Reading

Dr Sharon Moalen, *Survival of the Sickest* ISBN 978-0007256549

## **IB Chemistry 1**

Review the [Pre-IB Chemistry Notes](#)

## **IB Art History (for those taking the course in the junior year)**

Purchase and read one of the following books, and preferably all four.

Adrian Goldsworthy, *Augustus: From Revolutionary to Emperor*

Ross King, *Brunelleschi's Dome, The Story of the Great Cathedral in Florence*

Ross King, *Michelangelo and the Pope's Ceiling*

Ross King, *Leonardo and the Last Supper*

## **All IB Math classes**

Complete sections 13-22 and 31-33 of the following text:

Rayner and Williams, *Complete Mathematics for the Cambridge IGCSE, Revision Guide*, ISBN: 978-0-19-915487-6.

These sections are a review of the topics covered in Extended and Core classes. Students entering IB Math SL or HL 1 should be able to complete more of the problems than those who are entering IB Math Studies 1.

## **IB Art History**

See the email from Mr Aecshliman with general and specific tasks for the IA.

## **IB Theatre Arts 1**

To get new IB Theatre students thinking about dramatic literature and performance, you will see one live theatrical production (college, community, or professional; play, musical, or opera) over the summer and write a substantial paragraph **each** on any four of the following elements of theater you observe in the performance: directing, acting, lighting, costumes, sound, sets, or props. Include one or two detailed observations of **each** of the chosen elements, plus an analysis of how each detail did or did not help tell the story. Save your show program to bring into the first day of class. Also, you will be posting your review on our IB Theatre blog and writing a thoughtful, intelligent, paragraph-length response to at least one of your classmates' reviews!

## **IB Visual Arts 1 (Art and Design Pathway)**

The first major assignment in the IB course is based on the portrait. This IB assignment, called The Invisible Man, explores the portrait in more depth and will examine both traditional and contemporary equivalents. It will ask you to question what the portrait does, and challenge you to experiment.

The summer work has four activities which are explained in a separate sheet. These, in brief, are:

- 1) Make a large, sustained self portrait drawing from direct observation.
- 2) Make a collection of everyday graphic items personal to you. They should link to events, dreams, ideas, memories, and souvenirs, or be of sentimental value.
- 3) Design a page in a Workbook that tells us about your roots, and which is also illustrated with work you have discovered through your research.
- 4) Try to make scans or copies of some or all of the list – or others. We will use some of them to create artwork that considers the above questions. For more details see: [Visual Arts \(Art and Design\) Pre-IB](#)

## **IB Visual Arts 1 (Architecture and Design Pathway)**

Research and collect 25 images made by architects, designers, and artists of your choice whose work appeals to you. Post them on a Pinterest board. Find a "wisdom phrase" in your language which is suitable to make into a poster. Complete 5 drawings of buildings you have visited. Take photographs of 5 buildings you especially like.

### **IB Visual Arts 1 (Photography)**

A number of tasks are suggested that should be helpful in preparing you to go straight to work in the Photo Lab and Photo studio. These are given in detail on a separate sheet. In brief, you should make photographs everyday. Download your images regularly. Look at and observe photography and all images around you. Keep a journal. Look at art. Listen to different kinds of music. Read. Collect images, objects, mementos, data and anything else that you identify with yourself. Consider what are the skills you would like to acquire in an advanced art class. For more details see: [Visual Arts \(Photography\) Pre-IB](#)