



**International School Dhaka**

**Secondary School**

*A fully accredited International Baccalaureate world School*

**Parent Syllabus Outline**

**Grade 8**

**Semester I**

**2009-2010**

**Tutors:**

**8A Steve Markey**

**8B Roger Bodary**

**8C Faba Abraham**

**Head of Secondary:**

**Ross Hall**

**MYP Coordinator:**

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## Subject: Technology

### Technology at ISD

Technology has inquiry and problem solving as the main focus. This includes using the technology design cycle as a tool to investigate, design, plan, create and evaluate products/solutions. MYP technology is structured into three main branches: information, materials and systems. Over the 5-year course students will design and create a range of outcomes with a balance of these three. In Grade 8 students will complete each unit below on a rotation throughout the year.

### Materials

#### Mr. Roger Bodary

We live in an increasingly technological world. Our standard of living and the quality of our lives are influenced too. Natural disasters can devastate communities in seconds. The discipline of design technology affords the students opportunities to be creative and to pursue purposeful activity arising from problem recognition.

Students will be given the opportunity to practice their skills on a problem that involves designing and creating a model size low cost, disaster resilient family shelter using locally available materials. They will learn of the components of the design cycle and gain confidence in their application. The students will be encouraged to express their ideas and to work independently. When circumstances allow, group work will be exploited. It is expected that students will produce written, graphic, DTP and a practical object in this discipline.

### Systems

#### Mr Christopher Scoggins

The Grade 8 students will explore systems as a short unit contained within their website designs. This unit links with their trans-disciplinary unit on "Communities under Threat" and will study the effectiveness of community websites. Students will study what a community is, what makes a community, why they are threatened, how to make effective community webpage's that respond to the community's needs, as well as make community online surveys for user data to be entered. Students will learn to install and benefit from online databases, and to learn from the retrieved data.

### Information

#### Mr Michel Gau

In their Information unit, Grade 8 will be learning how to design web pages using 'Communities under threat' as a theme.

The tools they will use during this unit are the Internet, Photo-editing software applications and a text editor to prepare material and content for inclusion in the site. Students will study the elements of good web page design as part of their investigation and creation of their website.

The development of each student's solution will conform to the design cycle i.e. investigate, design, plan, create and evaluate and will be assessed according to each phase.

## Subject: Visual Arts

**Ms.Sharron Gray**

"The Human Condition" explore 3 artists, Edvard Munch, Francis Bacon, and Robert Longo and produces self portraits in their styles.

"FAMILY TREE " design and make a 3-d family tree with wools and various design objects.

## Subject: French

**Mr.Marc Favre & Ms.Lima Anjum**

This semester students will work intensely across three units: 'Emigration', 'Immigration' and 'Environment'. They will start the year refreshing their memory with content covered in last year. They will learn to express their feelings about their country and discuss how it would be living outside their homeland. The final assessments on the unit will be writing and speaking. Students will then research the living conditions of migrants in France through the trans-disciplinary theme of 'communities under threat'. The two sets of assessment on the unit will be writing and reading tasks. They will finish the first semester with an environmental focus and will find ways to create a sustainable future by keeping the nature around us safe. The assessment tasks of the unit will be speaking and reading comprehension tasks.

## Subject: Bangla A

বাংলা পাঠ্যসূচী

তাহসিনা রহমান, সৈয়দা সুলতানা রাজিয়া

এ পর্বের শুরুতে শিক্ষার্থীরা বাংলা রচনা লিখনের বিভিন্ন ধরন ও কৌশলের সাথে পরিচিত হবে। অনুচ্ছেদ লেখার নির্দিষ্ট পদ্ধতি অনুসরণ করে তারা নির্দিষ্ট বিষয়ে গল্প লেখার অনুশীলন করবে। এরপর বাংলাদেশ টেক্সটবুক বোর্ডের নির্ধারিত বই থেকে তারা কয়েকটি রচনা ও কবিতা পড়বে। সেগুলো হলো:

- গল্প: রাজা - সাহিত্য কণিকা (৮ম শ্রেণী)
- কবিতা: রূপাই - সাহিত্য কণিকা (৮ম শ্রেণী)
- প্রবন্ধ: বাংলা ভাষার জন্মকথা - সাহিত্য কণিকা (৮ম শ্রেণী)
- উপন্যাস: 'সূর্যের দিন': হুমায়ূন আহমেদ
- প্রবন্ধ: আমাদের লোকশিল্প - সাহিত্য কণিকা (৮ম শ্রেণী)
- কবিতা: আবার আসিব ফিরে - সাহিত্য কণিকা (৮ম শ্রেণী)

## Subject: English

**Mr. Martin Fry, Mr Steve Markey & Mr. Kevin Lane**

English in Grade 8 involves the students looking at issues that concern them and society. It will incorporate several Areas of Interaction including writing skills, research techniques, communication, interviewing, social and literary analysis, reading and presentation.

The units to be studied this term include a novel study of *Of Mice and Men* by John Steinbeck, a unit on poetry, and the study of Shakespeare's *Romeo and Juliet*. Students are asked to read for at least twenty minutes at home each evening. They will be required to write regular book reviews. Other English homework will take the form of language activities drafting written work, assignment work and completion or extension of work done in the classroom. Please assist the development of your child's English ability through monitoring and discussing activities with them, but please ensure the work completed is their own.

## Subject: English B

**Ms. Nilanthi Das**

MYP English B aims to develop reading, writing and oral skills of students who are from an ESOL (English for speakers of other languages) background and are relatively new to the English language. It is an MYP subject and is assessed under the MYP assessment criteria for language B. Students who follow MYP language B also receive additional language support in the form of ESL.

Units will be based on both language and literary themes and each unit will include a variety of reading genres and a focus writing genre. Vocabulary and grammar will be based on the theme under study and oral communication will be an important part of every unit. Unit 1 will be on 'Pirates and the age of Exploration'. Unit 2 will be an introduction to Shakespeare where students will research on the life and times of Shakespeare and then move on to reading an abridged version of 'A Midsummer Nights Dream'. Unit 3 will focus on developing argumentative writing.

## Subject: Physical Education

**Mr. Terry Weston & Ms. Lorinda Wishart**

1. Dance
2. Swimming
3. Badminton
4. Ultimate
5. Health Related Fitness
6. Athletics

**Dance:** During this unit the students take a look at ethnic dance. They will discuss the importance of preserving ethnic dances, what we can learn about a culture through dance in regards to social norms, interaction and traditional dress. They are required to choreograph a short ethnic dance which is representative of a country or ethnic group. Students also become more familiar with dance terminology such as transition, flow and rhythm.

**Swimming:** This unit focuses on stroke refinement, emphasised by the time spent on improving all strokes and swimming stamina. The students will need to demonstrate racing, diving and survival skills.

**Badminton:** During the Badminton Unit students will focus on students refining attacking and defensive shots as well as understanding positioning and tactics so students can participate in singles and doubles games successfully. Students will be asked to referee and keep score.

**Ultimate:** The Ultimate Frisbee unit focuses on exposing students to a different method of referring called "spirit of the game." This involves students discussing and debating and reflecting on the links this has to our community. Students will also learn various methods of Frisbee disposal and attacking and defensive principles.

**Health Related Fitness:** This unit covers the importance of having a healthy lifestyle. Students begin to explore the areas of fitness and become familiar with fitness terminology. They will monitor and evaluate their own fitness levels through fitness testing and establishing and executing a fitness program.

**Athletics:** Students explore the various events in Athletics. They are given an opportunity to practice and refine newly learned skills through peer teaching, reflection and practical experience.

## Subject: Drama

### **Ms Gisèle Lewis**

For drama this year the students will focus on the Elements of Stage. In this unit they will learn about the many elements that it takes to create a stage performance, from set design, to make up and costumes. The class will also be given the opportunity to be involved in a production by being part of the production team. Throughout the drama course they will be required to use their developmental workbook to record all of their ideas.

## Subject: Science

### **Ms Faba. Abraham, Mr Kysar Shahnawaz & Ms Wahida Mostafa**

The students will begin the year with a unit on Waves, with a particular emphasis on visible light and sound.

The second unit will be a transdisciplinary unit on Communities, when students will look at their relationships with each other and the Biology of sexual reproduction.

The final unit in the semester is one on space and our universe.

All units will also involve scientific writing, tests and investigations for their assessments.

## Subject: Mathematics

### **Ms. Alice Benson & Mr. Paul Husken**

Mathematics in grade 8 is designed to further introduce and build a firm base in Algebra. For this reason the majority of topics covered this year will involve algebra to some extent. To begin with we will do a review of basic Number understanding followed by:

- Algebra operations
- Algebraic Equations
- Problem Solving

## Subject: Music

### **Mr. Eivind Lodemel**

This term will start with a series of lessons on improvisation, a skill that plays an important role in all styles of music. This unit will also develop some of the basic skills that students will need to be fully enjoy this year's music programme. We will later study song writing and song structures, Brazilian Samba music and music for radio. Students will learn through practical activities, and they will develop skills in composing, performing and appraising music.

Music as a subject lends itself to developing a range of transferable skills. Through creative and open-ended group work, students develop their leadership skills, communication and independence.

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## Subject: Humanities

**Ms. Fahima Choudhry, Ms Caitlin MacLachlan & Ms.Katie Pawlak**

This semester in Humanities, we will be covering the following units: “**World Religions**” and “**Refugees**”

Students will be studying how can religion affect communities through time? As part of their culminating activity, students will be required to research either Christianity, Judaism, Buddhism, Hinduism, or Sikhism and answer the following questions; Which countries are predominantly that religion, how did the religion begin, how has it changed over time, are there different sects within it – why, where are it's holy sites, what are it's important ceremonies, what are it's important dates?

In the Refugees unit students will look at the factors that force people to flee their homelands and what it means to be a refugee. Students will have to research a historical or current refugee crisis, understand the causes of the refugee problem and try to empathize with refugees.

## Extended Mathematics

**Mr. Roger Bodary**

Extended Mathematics will cover all the topics covered by the standard class, however they will deal with a deeper understanding of the topics and more complex problems. On top of which they will also be covering:

- An introduction to Indices and Radicals.

