



# International School Dhaka

## Secondary School

*A fully accredited International Baccalaureate world School*

## Parent Syllabus Outline

Grade 7

Semester I

2009-2010

### Tutors:

7A Eivind Lodemel

7B Gisele Lewis

Head of Secondary:

Ross Hall

MYP Coordinator:

Totty Ellwood Aris

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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 7 students will complete each unit below on a rotation throughout the year.

### Materials

#### Mr Matthew Aris

Technology plays a vital role at home, at school, at work and at leisure - it dominates everything that we do. Here at ISD the materials course will be a creative and purposeful activity arising from problem recognition and solving. Students will learn of the components of the design cycle and gain confidence in their application of it to all aspect of technology.

The materials component of technology focuses on the use and manipulation of materials. 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.

Grade 7 will complete two units in materials technology, Food technology and a small electronic circuit box. Food technology is a health and social based unit, focusing on planning and preparing a healthy meal, as well the hygiene requirements for working with food. The small electronic box will introduce the students to simple circuits, develop wood-working skills and further their understanding of where electricity comes from and renewable energies.

### Systems

#### Mr.Christopher Scoggins

In systems technology Grade 7, students will research and present to the whole class, a series of inquiry based projects related to "Exercise and Diet." The class will achieve this objective using the skills of programming, PowerPoint, HTML, and the use of Blog software to present their ideas and design creations.

### Information

#### Mr.Michael Gau

In information technology in Grade 7, student will work within the theme of health and social education. Their actual project is to make an instructional flash e-card to encourage younger students to take exercise. The idea is based on the simple graphics of airline emergency procedures sheets. The students will be coached in a range of animation, graphics, music and photo-editing software and will be required to make the most appropriate choice for their user group. The research skills will include researching their users directly by making a survey and understanding some of the processes for evaluation of surveys.

## Subject: Visual Arts

### Ms.Catherine Viart

"Perspective": the students will learn the fundamentals of single point perspective drawing as well as vanishing points, shading and light source. They will design a cityscape.

"Painting": the students will research Georgia O'Keefe's artworks.They will produce a painting in the style of Georgia O'Keefe's flower paintings.

All students will be required to use a developmental workbook.

## 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 music from specific cultures, including Indonesian Gamelan and Ghanaian drumming and singing. Through a practical approach, students will develop as musicians and composers.

We also hope to draw the year 7 groups into this year's musical production, and some class time will be devoted to this. Using a whole class as a chorus creates an inclusive atmosphere and gives all students a chance to experience musical performance in a real and memorable way.

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.

## Subject: French

### Mr. Yvan Favreau

This semester students will work intensely across three units: 'Holidays', 'Food and diet' and 'Family life'. They will start the year describing their last holidays and learn to express opinions/ feelings about events that took place in the past. The final assessments on the unit will be speaking and writing tasks. During the second unit they will discuss healthy eating habits and the two sets of assessment on the unit will be reading and speaking. During the final unit of the first semester students will share and talk about the problems they face in their family as they are growing up; and will look for possible ways of resolving them. The final assessments on the unit will be reading and writing.

## Subject: Bangla A

### বাংলা পাঠ্যসূচী

#### সৈয়দা সুলতানা রাজিয়া / ফারজাহান এহসান

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

- প্রবন্ধ: রূপসী বাংলা - সপ্তবর্গী (৭ম শ্রেণী)
- কবিতা: আমার এ দেশ - সপ্তবর্গী (৭ম শ্রেণী)
- প্রবন্ধ: ভাঙাকুলা - সপ্তবর্গী (৭ম শ্রেণী)
- গল্প : ডাকহরকরা - সপ্তবর্গী (৭ম শ্রেণী)
- কবিতা : নন্দলাল - সপ্তবর্গী (৭ম শ্রেণী)

এছাড়া পৃথিবীর প্রধান প্রধান ধর্মীয় উৎসবগুলি সম্বন্ধে তারা একটি প্রবন্ধ পড়বে।

## Subject: Drama

### Ms Gisèle Lewis

In drama this semester the students will be focusing on the tools we use in drama. They will be working on Mime, Characterization and improvisation. These skills will build on the skills they worked on in Grade 6. They will once again be using the creative process and the developmental workbook will act as a record of their learning and development. The Developmental workbook will also be a place where they can regularly reflect and evaluate their work.

## Subject: English

### Mr. Steve Markey

English is about communication. At ISD students will be developing better communication skills in all forms, written, oral and visual. In Semester 1 we will cover a range of themes including *Autobiography (who am I, a visual and written representation)*, *The Writing Process (a review of the steps used in creating a written piece of work)*, and *Novel Study. (The Cay by Theodore Taylor)*

Each day, students will be involved in writing and reading activities as these are the foundations of English. A weekly library visit will take place and a book report must be completed each month.

Students are required to read for at least twenty minutes at home each evening. Other English homework will take the form of spelling 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 ensure the work completed is their own.

## Subject: Science

### Ms. Faba Abraham

The semester will begin with the unit "Forces around Us". In this unit students will look at how forces are used in simple machines, which links with design of siege weapons useful for DT and Humanities units being studied at the same time. The second unit is about plant structure where the students will learn some plant biology and realise how important plants are to us. The third unit is "Materials, which deals with the types of materials around us and their chemistry. All units will develop basic investigative skills and involve scientific report writing as a part of the final assessments.

## Subject: Physical Education

### Mr. Terry Weston & Mr. Matthew Aris

1. Orienteering
2. Swimming
3. Basketball
4. Health Related Fitness

**Orienteering:** How do we (Human Beings) orientate ourselves and find direction? The students will be introduced to the sport of orienteering. The focus will be on developing the following skills passing on vital information quickly and accurately, basic map reading, basic compass as well as developing the fitness required to compete. The unit has components of Math and Geography and ranges from small scale orienteering to whole school orienteering courses.

**Basketball:** What are the roles and relationships necessary for a team to function successfully? In this unit the students will focus on the unique roles of the different positions on a basketball team, and what attributes are required to make a successful team. The unit will also look at improving basic passing, dribbling and shooting skills along with simple offensive and defensive strategies.

**Swimming:** What is the role of swimming in water safety? The focus of the unit is on the different stroke technique for front crawl, back crawl and breast stroke. The teachers will breakdown each technique to focus on the legs, arms and breathing aspects individually of the three strokes to develop overall efficiency. Basic elements of self survival techniques will also form a small part of this unit.

**Health Related Fitness:** How am I changing? The focus of this unit is on how fitness changes us both physical and mentally. As well as concepts of fitness for life and the life style and attitude that accompanies that statement. The students will look at different types of ways to measure their own fitness and how to monitor their fitness over the course of the unit and throughout their life time.

**Athletics:** What was it like to be an ancient Greek Olympian? The student's main focus will be the plethora of events and disciplines that once made up the ancient and what now make up the modern Olympics. We will examine the different events within track and field and we will work on developing techniques in these areas. Discuss the different disciplines and how they have transformed with time into the modern Olympic Games.

## Subject: Humanities

**Ms.Caitlin MacLachlan & Ms.Katie Pawlak**

In Humanities we seek to understand and respect the world around us. In order to encourage this we study the history and geography of our planet, ourselves and their interconnection. While studying these concepts many skills will be developed. We will focus on research, data interpretation and presentation skills with a strong focus on the Approaches to Learning.

The Grade 7s will begin the year by studying "**The Middle Ages**". As well as learning about the important events and developments made during this period, students will also be encouraged to practice their analytical skills and make critical judgments about historical sources and the period itself.

The second unit will focus on "**The Role of Women**". This unit will explore how the traditional roles of women are different around the world and what factors influence those differences. The students will also investigate the impact that women have had, both past and present and understand how invaluable their contributions have been to societies all over the world.

## Subject: Mathematics

**Mr.Roger Bodary & Ms.Alice Benson**

The focus for this semester will be

- Geometry - measurement of perimeter, area and volume of a range of shapes and solids.
- Number - fractions, decimals, percentages and ratios.
- Introduction to algebra including worded problems and expansion.

Students will be applying and using these skills throughout the curriculum. Organization as always is a key to success; so students need to come prepared to class with work book, text book, student handbook and a calculator.

