



International School Dhaka

Secondary School

A fully accredited International Baccalaureate world School

Parent Syllabus Outline

Grade 6

Semester I

2009-2010

Tutors:

6A Matthew Aris

6B Kathy Binns

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Subject: French

Mr. Yvan Favreau

This semester students will work intensely across three units: 'Me, Myself and I', 'At home' and 'Water world'. They will start the year refreshing their memory with content covered in the last grade and basic phonetics. They will develop their writing, reading and speaking skills with elaborate descriptions about themselves. The final assessments on this unit will be reading comprehension and oral tasks. During the second unit they will look into their immediate living environment and describe their home. The two sets of assessment for this unit will be writing and speaking. They will end the first semester with the trans-disciplinary unit on 'water world' and spend a good part of it reflecting upon their transition/integration into secondary French.

Subject: Bangla A

সৈয়দা সু.রাজিয়া, ফারজাহান এহসান

বাংলা পাঠ্যসূচী

এই পর্বের শুরুতে শিক্ষার্থীরা বাংলাদেশের জাতীয় শিক্ষাক্রম ও পাঠ্যপুস্তক বোর্ডের নির্ধারিত বই 'চারুপাঠ' (৬ষ্ঠ শ্রেণী) থেকে ছাত্রছাত্রীরা কয়েকটি রচনা পড়বে। সেগুলো হলো :

- জীবন কাহিনী - মহান বিজ্ঞানী জগদীশ
- রচনা - সাগর জলের নানা প্রাণী
- গল্প - রক্তে লেখা মুক্তিযুদ্ধ
- গল্প - এক সূত্রে

এছাড়া শিক্ষার্থীরা তাদের 'ওয়াটার ওয়ার্ল্ড' ইউনিটে বাংলাদেশে আর্সেনিক দূষণ সম্পর্কে জানবে এবং 'আন্তর্জাতিক মাতৃভাষা দিবস' ও 'স্বাধীনতা দিবস' এর উপর প্রবন্ধ পড়বে। এই পর্বে তাদের একটি কল্পবিজ্ঞান কাহিনী 'ব্যংক ডাকাত' পড়ানো হবে। ভাষার দক্ষতা বাড়ানোর জন্য বাংলা ব্যাকরণের বিভিন্ন কৌশল শেখানো হবে।

Subject: English

Mr. Steve Markey and Mr. Kevin Lane

English is about communication. At ISD students will be developing better communication skills in all forms, written, oral and visual. In the first semester we will cover a range of themes including *Biography (a research and writing exercise)*, *The Writing Process (planning, drafting, revising, editing and publishing)* and *Novel Study, "Bridge to Terabithia"*, focusing on principal areas of setting, characters, themes and plot.

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 one book review will 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: 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 focus on developing an understanding of the cultural and historical background of the United Kingdom, the birthplace of the English language. Students will then focus on 'life during medieval times'. Unit 2 will consist of a basic introduction to literature and literary devices. Unit 3 will focus on narrative writing.

Subject: Humanities

Ms.Caitlin MacLachlan and 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 first unit covered by year 6 will be “**Infectious Diseases**”. We will look at epidemics and pandemics, both past and present, what they are and how they spread. Students will understand what level of threat these diseases may pose to us, how our communities may be affected and shaped by disease and how we must react to better protect ourselves and our communities. As a final assignment students will complete an investigation and presentation into one of the many infectious diseases that exist on our planet.

The second unit will center on “**Ancient Civilizations**”. Students will study how human civilizations began, how they developed and grew overtime, what achievements they made and how their influence can still be felt today.

The third unit will be one on “**River System**” and will begin before the end of semester one. The unit will explore how river systems work and how they influence peoples lives; specifically in Bangladesh. This will also prepare the students for the River Trip scheduled in February 2009.

Subject: Science

Ms Kathy Binns

Students will study 3 units this semester.

The first one is called *Investigating science* where they will be trained in basic laboratory skills, including developing an awareness of safe working practices. They will learn to estimate and measure accurately and record data appropriately. They will then carry out a scientific investigation developing the skills of planning, organising, analysing and evaluating experiments.

The second unit will be *Forensic science* which will build upon the skills learned in unit 1 and links with their English unit on mystery stories. At the end of the semester the students will begin a trans-disciplinary unit *Water world*, where many scientific aspects of water are looked at in preparation for the grade 6 river trip.

Subject: Physical Education

Mr. Matthew Aris and Mr. Christopher Hesse

1. **Dance**
2. **Swimming**
3. **Football**
4. **Health Related Fitness**
5. **Athletics**

Dance: During this unit the students take a look at sport aerobics. They learn basic dance steps and are required to choreograph a short dance. Students also become more familiar with dance terminology such as transition, flow and rhythm.

Swimming: This unit focuses on water life saving skills, emphasised by the time spent on refining all strokes and swimming stamina. The students will need to demonstrate racing, diving, survival and basic rescue techniques.

Football: For football, shooting as well as ball skills are refined, and defensive techniques introduced. Positioning and tactics will be explored so full-sided games can be completed with students involved in all aspects of refereeing and scoring.

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: Mathematics

Mr. Roger Bodary

Key concepts covered this year in grade 6 math will include:

Operations with whole numbers – addition, subtraction, multiplication and division

Number line - Introduction to positive and negative numbers, the number line and co-ordinates.

Geometry - angles, perimeter, area and volume of various polygons and shapes.

Fractions – recognizing the numerator and denominator, simplify fractions, operations with fractions, and basic percentages.

Decimals – place value, concept of decimals, operations with decimals

Algebra and Equations – number patterns, writing formulae, substituting and collecting terms, inverse operations and solving simple equations.

“Waterworld” - Problem Solving length/scale statistics

Sets and Venn diagrams - Introduction to set theory.

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 units which focus on the MYP's Areas of Interaction. In Grade 6 students will complete each unit below on a rotation throughout the year.

Information

Mr Michael Gau

The focus for Grade 6 information technology is for students to learn good presentation skills and to become familiar with the phases of the design cycle. The first part of the rotation will be spent using Internet searching systems, drawing tools and presentation software. In the main project the students will make create a fictional organization, craft a graphic design digital collage, and present a persuasive presentation to promote a clean water system. Students will focus on investigation; identifying the problem, good practices in graphic design and presentation, and the setting out of intentions for a design solution. They will make some mock-ups of their design ideas and a final product using PowerPoint.

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 the components of the design cycle and gain confidence in their application of the cycle to all aspects 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.

The grade 6 materials technology unit will focus on water, which is linked to the trans-disciplinary unit "Water World" and the river trip which takes place during the year.. The first unit is researching, designing and creating a cushion for themselves and understanding the environmental issues involved, especially here in Bangladesh with the water pollution from textile factories. The second unit will employ and develop wood-work skills where we will make a small boat which will be tested in the swimming pool.

Systems

Mr.Christopher Scoggins

This segment of Grade 6 technology will focus on the use of irrigation systems to solve water problems. Students will investigate different irrigation systems in a variety of settings in preparation for designing their own relevant system. This unit links with their trans-disciplinary unit on "Water World" and includes the Grade 6 River Trip later in the year.

Subject: Visual Arts

Ms.Catherine Viart

"Theory of colours": the students will learn about primary, secondary and complementary colours and produce a still Folk painting.

"Print making": The students will research on symbols in various cultures artworks. They will plan, design and make a print template

All students will be required to use a developmental workbook.

Subject: Drama

Ms Gisèle Lewis

In the first semester the students will be looking at the major features of drama. Throughout the course they will be encouraged to work on a variety of skills to help them build up their confidence when talking and performing in front of people. Students will be required to use the developmental workbook throughout the process to document their development as an artist.

