



# GPIS Pre - IB Summer Program

## ( June - July 2010 )

	First Week ( 27/6 – 1/7 )					Second Week ( 4 / 7 – 8 / 7 )				
	27/6	28/6	29/6	30/6	1/7	4 / 7	5 / 7	6 / 7	7 / 7	8 / 7
<b>Session 1</b> (9:00 – 10:30 )	Math English	Math English	Math English	Math English	Math English	Biology Arabic	Biology Arabic	Biology Arabic	Biology Arabic	Biology Arabic
<i>Break ( 10:30 – 10:45 )</i>										
<b>Core</b> (10:45–11:45)	<b>TOK</b>	<b>CAS</b>	<b>Study Skills</b>	<b>Learner profile</b>	<b>Reflection</b>	<b>Extended Essay</b>	<b>Timeline &amp; Important dates</b>	<b>Time Management</b>	<b>Self Motivation</b>	<b>Reflection</b>
<i>Break ( 11:45 – 12:00 )</i>										
<b>Session 2</b> (12:00 –13:30)	English Math	English Math	English Math	English Math	English Math	Arabic Biology	Arabic Biology	Arabic Biology	Arabic Biology	Arabic Biology

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**Pre - IB Summer Program In GPIS**  
( June - July 2010 )

Dates	Numbers of weeks	Numbers of hours of Teaching	Subjects to taught	Core Sessions 5h sessions per week	Price L.E
27 / 6 TO 1 / 7	1 Week Program <i>(First week)</i>	15 hours	English B Biology	TOK CAS Study Skills Learner Profile	3000
27 / 6 TO 8 / 7	2 Weeks Program	30 hours	Arabic / Math English B / Biology	Reflection Extended Essay DP Time line	5000
4 / 7 TO 8 / 7	1 Week Program <i>(Second week)</i>	15 hours	Math Arabic	Important dates Time Management Self Motivation	3000

**Special Rates For GPIS Students**  
( 20 % discount )

Dates	Numbers of weeks	Numbers of hours of Teaching	Subjects to taught	Core Sessions	Price LE
27 / 6 TO 1 / 7	1 Week Program <i>(First week)</i>	15 hours	English B Biology	TOK CAS Study Skills Learner Profile	2400
27 / 6 TO 8 / 7	2 Weeks Program	30 hours	Arabic / Math English B / Biology	Reflection Extended Essay DP Time line	4000
4 / 7 TO 8 / 7	1 Week Program <i>(Second week)</i>	15 hours	Math Arabic	Important dates Time Management Self Motivation	2400

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## 1- Maths (Course outline)

Day	Topic	Pre-required Knowledge	Acquired Course skills	Comments
1	a) DP Assessment b) Algebra	Indices and surds	Awareness of DP assessment  Review some indices and surds operations	
2	Functions	Line equation $y=mx+c$ Solving 2 <sup>nd</sup> degree equation using factorization and formula	Parabola (From equation sketch and from sketch find equation +applications)	GDC required
3	Functions	Ability to plot a relation	Function, composite function and inverse function	GDC required
4	Trigonometry	Trigonometric ratios in right angled triangle	Sine and cosine rules OR unit circle and trigonometric identities depending on students' request	
5	Probability	Basic probability Venn diagram	Calculating probabilities from Venn and tree diagrams and types of events	

Please note that:

- The course will include training on the use of Graphic Display Calculator (GDC) as well as the use of graphing software
- Students are advised to bring their GDC with them (Ti 83 or Ti84 or TiNspire or Casio 9860)
- The objectives of the course are:
  - o Awareness of the DP programme
  - o Going through some important topics of Mathematics, which are needed as pre-knowledge for the DP mathematics programme.
  - o Acquisition of some needed use of technology skills.

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## **Sciences**

The study of sciences is one of the most important aspects of life. Biology is one of the interesting branches of science. Biology is the study of living organisms.

It's really important during this course to cover certain topics as an introduction to the subject. These topics will give all participants a strong background which will be an asset to them during the academic year. These topics are classified under ***Human physiology & Genetics.***

What's really interesting is that we didn't forget the fun part, the entertainment ! This will be established through the experimental part, which will teach the participant a very important skill, how to collect data and present it in a professional manner.

Hope you join this experience you will love it!

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## مكونات الدورة التمهيدية لطلاب الدبلومة الدولية

1. التعريف بمكونات منهج اللغة العربية كلغة أولى، وطرق تقويمه.
2. الأدوات اللغوية والمهارات التي يجب أن يتسلح بها دارس اللغة الأولى.
3. كيف تحلل نصاً لم تسبق لك رؤيته (القصة القصيرة).
4. كيف تحلل نصاً لم تسبق لك رؤيته (الشعر).
5. كيف تعلق شفويّاً على نص أدبي + الإجابة عن استفسارات الدارسين.

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The Language B pre-IB diploma prepares students to meet the requirements of English B HL in the diploma years. The main focus of the course is on language acquisition and development in the four primary language skills: listening, speaking, reading and writing. These language skills are developed through the study and use of written and spoken material. Students are encouraged to develop confidence in the use of the language, sensitivity to the audience and the ability to communicate their ideas clearly.

### **Key Learning Points**

- Identify students' individual areas in need of development.
- Practice basic writing skills.
- Handle the language system accurately (grammar, syntax etc.).
- Select language appropriate to a particular social register.
- Understand ideas and how they are organized in order to communicate them appropriately.
- Use interactive situations that enable the use of the spoken language for a variety of communicative purposes.

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