Summer Study

IB Math SL Class of 2019

Dear students and parents

Hope all is well on your side. The following points are your child’s summer tasks that he must abide to in order to ensure a fruitful and successful upcoming academic year.

* Please make sure that your son/daughter download all the resources from the portal page and save it to his device, a backup is recommended.
* You will find below the topics that were covered in grade 11 and **must** be reviewed during the summer in preparation for a solid and smooth start next year. This review will also serve as a study guide for next year’s October mock exams. These topics are included in the following Text Books:

• Oxford, chapters 1,2,3,4,5,6,7,11,13,14 (self-study 3,8,10 16)

• Cambridge, chapters 1,2,3,4,5,6,7,8,9,10,12,14(self-study 16,17)

• Haese, chapters 1,2,3,4,5,6,7,8,9,10,11,14,15,16,17 (self-study 20,21,22)

Students should skim the solved examples and then solve the review exercises at the end of each chapter.

* In addition, below is the official IB link to the Internal Assessment component (20% of the total grade) that will be written at the beginning of next year. Please read the **Assessment Criteria** carefully and go through the 21 examples and **observe the teachers’ comments**. There will be further class discussion and detailed instructions on this component this week.

<https://ibpublishing.ibo.org/server2/rest/app/tsm.xql?doc=d_5_matsl_tsm_1205_1_e&part=1&chapter=8>

* After going through the previous steps and following the previous criteria, apply any of the concepts that you have studied throughout the year and write a 3-4 pages on the following topic *‘A soda company hired you to design a can with minimum surface area that can hold 400* $cm^{3} $*of beverage’.*
* You will earn a completion grade on the mini-IA assignment, it will be due on the first class we meet in September 2018
* Also, there will be a quiz on the IA criteria to assess your reading and understanding for each criterion and the specific terminology for it. The quiz date will be determined when we meet in September.

Thank you and have a great summer