



Ecole Internationale Provence-Alpes-Côte d'Azur



## **Forward Planning**

### **Long-Term Semester Planning**

**Academic Year: 2020-2021**

**Class: S6**

**Subject: Mathematics HL**

**Teacher: E.FOUNAUD**

**No. Students: 11**

## Curriculum – Long-Term Planning

For the competences, see the “checklist” given to the students at the end of each chapter

Date	Learning Objectives	Activities	Resources	key competences	Learning Outcomes / Assessment
02/09/20 - 16/10/20	<b>Matrices</b>	Investigations	TI NSpire CX CAS with teacher software	In all chapters: Competences 1,3,4 and 5  During maths week: 6,7 and 8	<u>For each chapter:</u>  Tests in class  <u>For each semester:</u>  Graded Homework  Oral Assessment  B-test
	<b>Solving nxm systems of equations</b>	Exercises	Mathematics for the international student : Mathematics HL (Core) second edition, Haese & Harris publications		
02/11/20 - 18/12/20	<b>Determinants</b>		Mathematics for the international student : Mathematics HL (Option) second edition, Haese & Harris publications		
	<b>Logic and vocabulary</b>				
04/01/21 - 19/02/21	<b>Sets</b>		A level textbooks such as Further Pure FP1 published by Oxford University Press		
	<b>Relations and functions</b>				
08/03/21 – 23/04/21	<b>Groups</b>				
	<b>Maths week</b>				
	<b>Solving non linear equations</b>				



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<b>10/05/20 - 24/06/20</b>	<b>Numerical integration</b> <b>Complex plane</b>		French textbooks such as Algèbre 1 by Jean-Marie Monier, published by Dunod		
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