

Final Exam and syllabi Contents Form: Semester 2 / 2025

Subject: Universal Mathematics 6 Code: MA30218 Class EP M6/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 2	Final Exam	Classroom Handouts	Remark
1. Linear equation	✓	✓		
2. Equation of line in all forms	✓	✓		
3. Parallel and perpendicular line	✓	✓		
4. Exponential function and properties	✓	✓		
5. Logarithmic function and properties	✓	✓		
6. Concept of circle	✓	✓		
7. Equation of circle in standard form	✓	✓		
8. Intersection point of a line and circle	✓	✓		
9. Concept of tangent to circle	✓	✓		
10. Equation of tangent to circle	✓	✓		
11. Absolute value function and graphing	✓	✓	Text book (Haese Mathematics 3 rd edition) Textbook (recommended): Mathematics (Application and Interpretation) for the IB Diploma Google classroom, Class Worksheets class notes and handouts.	Content might change because of time constraints.

Subject: Foundation Mathematics Code: MA30106 Class: EP M6/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 2	Final	Classroom Handouts	Remark
1. Measures of Central Tendency	✓		Worksheets given in class	Review the worksheets.
2. Two variable statistics	✓	✓		
3. Correlation				
4. Properties of Correlation				
5. Correlation Coefficient				
6. SAT - Questions	✓			

Subject: Universal Physics

Code: ST30215 Universal Physics 5

Class: EP M6/1

Teacher's Name: Glenn Thomas

Contents	Formative 2	Final	Classroom Handouts	Remark
<ul style="list-style-type: none">• Unit 1:Kinematics• Conservation of energy• Calculation of work done by forces• Different energy types• Newton's Laws of motion• SUVAT equations• Vectors vs scalars• Calculating trajectory of projectile motion• Moments and turning effects• Conservation of momentum• Collisions and explosions• Impulse, force, and time in relation to safety	✓	✓	Google classroom, teams meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.

Formative 2: - Quizzes. - Worksheets. - Poster assignments. - Discussions. - Labs.

Subject: Universal Chemistry

Code: ST30235

Class EP-M6 / 1-2

Teacher's Name: Cherise Nieuwoudt

Contents	Formative 2	Multiple Choice	Written Answers	Classroom Handouts	Remark
1. Biomolecules – Carbohydrates	✓	✓	✓	<i>Worksheets based on Chemistry Textbook. Class lectures. Blooket on topics. Labs.</i>	Contents might change because of time constraints.
2. Biomolecules – Proteins & Amino Acids	✓	✓	✓		
3. Enzymes	✓	✓	✓		
4. Lipids & Cell Membranes	✓	✓	✓		
5. DNA, RNA & Mutations	✓	✓	✓		
6. ATP & Cellular Energy	✓	✓	✓		
7. Scientific Skills: Explanation & Diagram Drawing	✓		✓		

Formative 2: Completion of Chemistry Worksheets, quizzes, assignments (posters, presentations) and labs for review.

Subject: Foundation English 6

Code: EN30106

Class: EP M6 1-2

Teacher: Andrew Neale

Final Exam Content	Formative 2	Classroom Handouts	Remark
Identifying Synonyms Matching Information Comprehension Phrasal verbs – <i>New beginnings</i>	All	Classwork, class presentation and tasks 1, 2 and 3 writing activities in class.	
Planning an essay Experience-based writing task: Advantage and disadvantage opinion piece based on past, present & future aspirations.			

Subject: UNIVERSAL BIOLOGY 5 Code: ST30260 Class EP-M6/1 Teacher's Name: MICHAEL SALUTIN

Contents	Formative 2	Multiple Choice	Written Answers	Classroom Handouts	Remark
Ch. 2 – Cell Structure Studies by Microscope	✓	✓	✓	<i>Biology Textbook and Google Classroom Assignments</i>	
Ch. 4 – Substance Transport Through Cells	✓	✓	✓		
Ch. 15 – Equilibrium in Animals and Humans	✓	✓	✓		
Ch. 16 – Equilibrium in Plants	✓	✓	✓		
Ch. 14 – Immune System	✓	✓	✓		
Ch. 7 – Genetics: Discovery and Replication	✓	✓	✓		
Ch. 9, 10 – Genetic Variation, Mutation	✓	✓	✓		
Ch. 19** - Biotechnology	✓	✓	✓		
Ch. 7, 23, 29.8 & Ch. 17** - Natural Selection and Biodiversity	✓	✓	✓		
Ch. 28** - Various Types of Ecosystem	✓	✓	✓		
Ch. 18.6 – Succession	✓	✓	✓		
Ch. 9 – Kingdoms of Living Organisms	✓	✓	✓		

Subject: Reading & Writing 6 Code: EN30206 Class: EP M6/1, H6/2 Teacher: Joshua Bolen

Final Exam Content	Formative 2	Classroom Handouts	Remark
Meaning in Context Reading Comprehension Grammar	All	Worksheets, Notebook work, Google classroom.	
IELTS Task 2 Type Essay		A PowerPoint presentation with material to revise for the exam will be provided the week before the exam.	

In-class Final Exam Contents	Formative Score	Classroom Handouts	Remark
1. Speaking Test 2. Grammar Review: online quiz	All	A PowerPoint presentation with material to revise for the exam will be provided the week before the exam on Google Classroom.	

** The exam contents will be during regular classroom time.

วิชาภาษาไทยพื้นฐาน ๖ (ท๓๐๑๐๖)

- ประโยชน์
- จำนวน
- ข้อบกพร่องในการใช้ภาษา
- ขัตติยพันธุ์ชนิด

วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน ๖ (ส๓๐๑๐๖)

สาระที่ 4 ประวัติศาสตร์

- ประวัติศาสตร์ชาติไทย
- ประวัติศาสตร์โลกตะวันออก
- ประวัติศาสตร์โลกตะวันตก
- ประวัติศาสตร์โลกร่วมสมัยที่ส่งผลต่อการเปลี่ยนแปลงโลกในศตวรรษที่ 21

สาระที่ 5 ภูมิศาสตร์

- เครื่องมือทางภูมิศาสตร์
- โลกและปรากฏการณ์ทางภูมิศาสตร์
- ภูมิศาสตร์ประเทศไทย
- การอนุรักษ์และการมีส่วนร่วมในการแก้ไขปัญหาสิ่งแวดล้อม