

## Final Exam and syllabi Contents Form: Semester 2 / 2023

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

Contents	Formative 2	Final	Classroom Handouts	Remark
1. Linear equation	✓	✓	<b>Text book</b> (Haese Mathematics 3 <sup>rd</sup> edition)  (Class worksheets, Notes and handouts)	Content might change because of time constraints.
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	✓	✓		

Subject: Foundation English 6

Code: EN30106

Class: EP M6 1-2

Teacher: Jonathan Phillips

Final Exam Content		Formative 2	Classroom Handouts	Remark
Multiple choice reading	Identifying Synonyms Matching Information Sentence Completion Yes /No /Not Given	All	<b>Ready for IELTS</b> Material uploaded to Schoology Zoom Lesson Recordings Ready for IELTS Student's Book	18 Multiple-choice reading questions
Writing	IELTS Writing Task 2: Advantage and disadvantage		A PDF File with material to revise for the exam will be provided the week before the exam.	1 Essay question

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

Final Exam Contents		Formative Score	Classroom Handouts	Remark
Multiple Choice Section	Reading Comprehension Meaning in Context Word Families Grammar	All	Worksheets, Notebook work, Schoology. A PowerPoint presentation with material to revise for the exam will be provided the week before the exam.	
Writing Section	IELTS Task 2 Type Essay			

**Subject: M6 Foundation Health Studies and Physical Education Code: HP30106 Class EP M6/1-2 Teacher's Name: Brian Mallon**

Contents	Formative	Final	Classroom Handouts	Remark
1. Futsal Rules and Regulations	✓	✓	Notes from exam review.	Content might change because of time constraints.
2. Basketball Rules and Regulations	✓	✓		
3. Digestive System	✓	✓		
4. Teenage Risk Factors	✓	✓		

**Note: The exam will take place during our last class before exam week.**

**Subject: Universal Chemistry 5 Code: ST30235 Class EP M6/1&6/2H Teacher's Name: Anu Sunny**

Contents	Formative Assessments	Handouts	Remark
1. Atomic Structure	/	Flash Cards, Power Points, Quizzes, Zoom lessons, Schoology activities, Google classroom materials, Virtual Lab Activity	Content might change because of time constraints.
2. The Periodic Table	/		
3. Ionic and Metallic Bonding	/		
4. Covalent Bonding	/		
5. Hydrocarbon compounds	/		
6. Chemical Reactions	/		

Formative Assessments: - Home Work Assignments - Quiz score

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"><li>Unit 1: Radioactivity</li><li>Alpha, beta and gamma decay</li><li>Penetration of alpha, beta and gamma radiation</li><li>Calculating parent and daughter atomic no. and mass from Alpha and beta decay</li><li>Calculating Half-lives</li></ul>		/	Schoology, teams meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.
Unit 2:Nuclear Safety <ul style="list-style-type: none"><li>Nuclear waste storage</li><li>Use of radioactivity in industrial</li></ul>		/		
Unit 3: Electricity <ul style="list-style-type: none"><li>Parallel and series circuits</li><li>Current, Voltage and Resistance</li><li>Transformers and electromagnetic induction</li><li>National Grid and power loss</li><li>Potential Divider circuits</li></ul>	/	/		

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

**Subject: Universal Biology 5**

**Code: ST30260**

**Class EP M6/1 Teacher's Name: Grant Shorten**

Contents		Formative	Final Term Questions	Classroom Handouts	Remark
1	Ecosystems	√	√	Worksheets, Power Points, Related videos	Content might change because of time constraints.
2	Biological Diversity	√	√		
3	Environment and Natural Resources - Problems - Solutions - Preservation	√	√		

Formative: - Class Tests, Assignments, Class participation, Lab

**Subject: Foundation Mathematics 6**

**Code: MA30106**

**Class: EP M6/1-2**

**Teacher's Name: Keerthi Prabhakar**

Contents	Formative 2	Final Exam	Written Answers	Classroom Handouts	Remark
1. SAT MCQ Questions	√	√	√	Class notes and Worksheets	Content might change because of time constraints.
2. Arithmetic Sequence	√	√	√		
3. Geometric Sequence	√	√	√		
4. Arithmetic Series	√	√	√		
5. Geometric Series	√	√	√		

Formative 2: - Quizzes - Worksheets - Tests

## วิชาภาษาไทยพื้นฐาน ๒ (๓๐๑๐๖)

- ประโยค - สำนวน
- ข้อบกพร่องในการใช้ภาษา - ชนิดยพันธกรณ์

## วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน 6

(ส30106)

### สาระที่ 4 ประวัติศาสตร์

- ประวัติศาสตร์ชาติไทย - ประวัติศาสตร์โลกตะวันตก
- ประวัติศาสตร์โลกตะวันออก - ประวัติศาสตร์โลกร่วมสมัยที่ส่งผลต่อการเปลี่ยนแปลงโลกในทศวรรษที่ 21

### สาระที่ 5 ภูมิศาสตร์

- เครื่องมือทางภูมิศาสตร์ - ภูมิศาสตร์ประเทศไทย
- โลกและปรากฏการณ์ทางภูมิศาสตร์
- การอนุรักษ์และการมีส่วนร่วมในการแก้ไขปัญหาสิ่งแวดล้อม