

Final Exam and syllabi Contents Form: Semester 2 / 2024

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	✓	✓	Text book (Haese Mathematics 3 rd 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 Mathematics Code: MA30106 Class: EP M6/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 1	Mid-term Examination	Classroom Handouts	Remark
1. SAT Questions	✓	✓	Worksheets given in class	
2. Correlation	✓	✓		
3. Scatterplots	✓	✓		
4. Pearson's Correlation Coefficient	✓	✓		
5. Line of best fit by eye	✓	✓		
6. Interpreting correlation	✓	✓		

Subject: Universal Physics Code: ST30215 Universal Physics 5 Class: EP M6/1 Teacher's Name: Glenn Thomas

Contents	Formative 1	Mid -Term	Classroom Handouts	Remark
<ul style="list-style-type: none"> • Unit 1:Kinematics • Conservation of energy • Calculation of work done by forces • SUVAT equations • Calculating trajectory of projectile motion • Conservation of momentum • Elastic and inelastic collisions in two dimension 	/	/	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:Electricity <ul style="list-style-type: none"> • Circuit diagrams and symbols • Series vs parallel • Power calculations • Transformers 	/	/		

Formative 1: - Quizzes. - Worksheets. - Poster assignments. – Discussions - Labs. - Scientific Investigations.

Subject: Universal Chemistry 5

Code: ST30235

Class EP M6/1

Teacher's Name: Anu Sunny

Contents	Formative Assessments	Midterm	Handouts	Remark
1. Atomic Structure	✓	✓	Flash Cards, PowerPoints, Quizzes, Google classroom materials,	The 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	✓	✓		
7. Redox Reactions	✓	✓		
8. Compounds and their formula	✓	✓		
9. Exothermic and Endothermic Reaction	✓	✓		
10. Types of Chemical Reactions	✓	✓		
11. Water and its properties	✓	✓		

Formative Assessments:

- Projects
- Home Work Assignments
- Quiz score

Subject: Universal Biology 5 Code: ST30260 Class: EP M6/1E Teacher's Name: Mr. Michael Salutin

Contents		Formative	Final	Classroom Handouts	Remark
1.	Ch. 2 – Cell Structures Studies by Microscope	✓	✓	Text book Bitpaper Work Sheets Activities Quizzes	Content might change because of time constraints.
2.	Ch. 4 – Substance Transport Through Cells	✓	✓		
3.	Ch. 15 – Equilibrium in Animals and Humans	✓	✓		
4.	Ch. 16 – Equilibrium in Plants	✓	✓		
5.	Ch. 14 – Immune System	✓	✓		
6.	Ch. 7 – Discovery of Genetic Knowledge	✓	✓		
7.	Ch. 7 – Chromosomes and Genetic Transmission	✓	✓		
8.	Ch. 7 – Genetic Abnormalities and Diseases	✓	✓		
9.	Ch. 9, 10 – Genetic Variation, Mutation, and Biodiversity	✓	✓		
10.	Ch. 19** - Biotechnology	✓	✓		
11.	Ch. 7, 23, 29.8 & Ch. 17** - Natural Selection and Biodiversity	✓	✓		
12.	Ch. 28** - Various Types of Ecosystem	✓	✓		
13.	Ch. 18.6 - Succession	✓	✓		
14.	Ch. 9 – Kingdoms of Living Organisms	✓	✓		

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

Midterm 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	All		

วิชาภาษาไทยพื้นฐาน ๖ (๓๓๐๑๐๖)

- ประโยค - สำนวน
- ข้อบกพร่องในการใช้ภาษา - ชัดตียพันธกรณ

วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน 6 (ส30106)

สาระที่ 4 ประวัติศาสตร์

- ประวัติศาสตร์ชาติไทย
- ประวัติศาสตร์โลกตะวันตก
- ประวัติศาสตร์โลกตะวันออก
- ประวัติศาสตร์โลกร่วมสมัยที่ส่งผลต่อการเปลี่ยนแปลงโลกในทศวรรษที่ 21

สาระที่ 5 ภูมิศาสตร์

- เครื่องมือทางภูมิศาสตร์ - ภูมิศาสตร์ประเทศไทย
- โลกและปรากฏการณ์ทางภูมิศาสตร์ - การอนุรักษ์และการมีส่วนร่วมในการแก้ไขปัญหาสิ่งแวดล้อม