



**Bangkok Christian College English Immersion Program**  
**Course Scope for Mathematics – Algebra 2 Mathayom 3**  
**Semester 1/2025-2026 Teacher Douglas Dake**  
**McGraw Hill – Reveal Algebra 2**



Week	Date	Contents	Comments/ Remarks
1	12 – 16 May	Module 1: Relations and Functions 1-1 Functions and Continuity 1-2 Linearity, Intercepts, and Symmetry 1-3 Extrema and End Behavior	ALEKS Initial Knowledge Check
2	19 – 23 May	Module 1: Relations and Functions 1-4 Sketching Graphs and Comparing Functions 1-5 Graphing Linear Functions and Inequalities 1-6 Special Functions	
3	26 – 30 May	Module 1: Relations and Functions 1-7 Transformation of Functions Module 1 Review	Basic Module 1 Test
4	2 – 6 June	Module 2: Linear Equations, Inequalities, and Systems 2-1 Solving Linear Equations and Inequalities 2-2 Solving Absolute Value Equations and Inequalities 2-3 Equations of Linear Functions	
5	9 – 13 June	Module 2: Linear Equations, Inequalities, and Systems 2-4 Solving Systems of Equations Graphically 2-5 Solving Systems of Equations Algebraically 2-6 Solving Systems of Inequalities	
6	16 - 20 June	Module 2: Linear Equations, Inequalities, and Systems 2-7 Optimization of Linear Programming 2-8 Systems of Equations in Three Variables	
7	23 - 27 June	Module 2: Linear Equations, Inequalities, and Systems 2-9 Solving Absolute Value Equations and Inequalities Module 2 Review	Basic Module 2 Test
8	30 June - 4 July	Module 3: Quadratic Functions 3-1 Graphing Quadratic Functions 3-2 Solving Quadratic Equations by Graphing 3-3 Complex Numbers	
9	7 - 11 July	Module 3: Quadratic Functions 3-4 Solving Quadratic Equations by Factoring 3-5 Solving Quadratic Equations by Completing the Square 3-6 Using the Quadratic Formula and the Discriminant	
10	14 – 18 July	Module 3: Quadratic Functions 3-7 Quadratic Inequalities 3-8 Solving Linear-Nonlinear Systems Module 3 Review	Additional Module 3 Test
11	21 - 25 July	Module 4: Polynomials and Polynomial Functions 4-1 Polynomial Functions 4-2 Analyzing Graphs of Polynomial Functions 4-3 Operations with Polynomials	
12	28 July – 1 Aug.	Module 4: Polynomials and Polynomial Functions 4-4 Dividing Polynomials 4-5 Powers of Binomials Module 4 Review	Basic Module 4 Test
13	4 - 8 Aug.	Module 5: Polynomial Equations 5-1 Solving Polynomial Equations by Graphing 5-2 Solving Polynomial Equations Algebraically 5-3 Proving Polynomial Identities	
14	11 - 15 Aug.	Module 5: Polynomial Equations 5-4 The Remainder and Factor Theorems 5-5 Roots and Zeros Module 5 Review	Basic Module 5 Test
15	18 - 22 Aug.	Module 6: Inverses and Radical Functions 6-1 Operations of Functions 6-2 Inverse Relations and Functions 6-3 nth Roots and Rational Exponents	
16	25 – 29 Aug.	Module 6: Inverses and Radical Functions 6-4 Graphing Radical Functions 6-5 Operations with Radical Expressions 6-6 Solving Radical Equations Module 6 Review	Additional Module 6 Test
17	1 – 5 Sept.	Final Exam Review – Basic	
18	8 – 12 Sept.	Final Exam Review – Additional	
19	15 – 18 Sept.	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Science & Technology Mathayom 3**  
**Semester 1/2025-2026 Teacher Declan Lightowler**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	Introduction and Course Outline	
<b>19 - 23 May</b>	Organism Organisation and Relationships	
<b>26-30 May</b>	Calculating Population Density	
<b>2-6 June</b>	The Carbon Cycle	
<b>9 – 13 June</b>	Human Impacts on the Environment	
<b>16 – 20 June</b>	Laboratory	
<b>23 – 27 June</b>	Human Reproduction and the Endocrine System	
<b>30 June - 4 July</b>	Meiosis and Mitosis	
<b>7-11 July</b>	Mutations	
<b>14-18 July</b>	Evolution by Natural Selection	
<b>21 – 25 July</b>	Waves: Properties of Waves	
<b>28 July- 1 August</b>	Waves: Light and Sound	
<b>4 - 8 August</b>	Introduction to the Electromagnetic Spectrum	
<b>11 – 15 August</b>	EM Spectrum: Applications and Dangers	
<b>18 - 22 August</b>	Presentation Project	
<b>25 - 29 August</b>	Reflection and Refraction	
<b>1-5 September</b>	Snell's Law	
<b>8 -12 September</b>	End of Term Test	
<b>15 -19 September</b>	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Computer Mathayom 3**  
**Semester 1/2025-2026 Teacher Dean Landucci**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	A welcome introduction to the computer room. Set up passwords, login, accessing Microsoft 365. Enroll in the Teams channel.	
<b>19 - 23 May</b>	Advance photography art project. Understanding of camera features to create specialty photography. Shutter speed, F-stop, double exposures	
<b>26 – 30 May</b>	Advanced Ps applying filter effects, color adjustments, working with mats, and double exposure effects.	
<b>2 – 6 June</b>	Concept of 3D environment, understanding of polygons, navigation. Creation of an art gallery. Rendering and publishing objects in exportable files like .obj.	
<b>9 – 13 June</b>	Apply principles of design and user experience to create immersive, functional virtual spaces.	
<b>16 – 20 June</b>	IGCSE ICT workbooks, types of digital devices. Task 1-3 differences of kinds of computers.	
<b>23 – 27 June</b>	IGCSE ICT workbooks, Understanding of Internet, IP,ISP, DNS, and hardware to create local area networks.	
<b>30 June - 4 July</b>	Midterm quiz – IGCSE ICT Types of Digital Devices. Internet function. Understanding of hardware to create networks.	
<b>7 - 11 July</b>	IGCSE ICT workbooks understanding of digital video. Frame rates, aspect ratio, file compression formats, file bit rate sizes.	
<b>14 -18 July</b>	Digital video editing techniques, pace and speed of edits, working with audio, creation of title effects, Exporting a video project, concepts of rendering files, export settings, and presenting video project.	
<b>21 – 25 July</b>	Students use online documents for answer sheets to supplement worksheets. Create shared links, send work, and receive corrections and comments through shared documents publication tools.	
<b>28 July- 1 August</b>	Video production project present – Reporter, and student are given a topic to create a news package. Optional if a student video contest is available for consideration of enrollment.	
<b>4 - 8 August</b>	Export video projects – understanding of render settings, creation of shared links.	
<b>11 – 15 August</b>	Presentations of student's video files, critiquing and marking projects. Students learn how to present their work; problem solve to show their productions.	
<b>18 - 22 August</b>	Advanced Excel – bookkeeping functions, nested functions, statistical and financial functions, pivot tables, solver, and macros	
<b>25 - 29 August</b>	Advanced Excel – bookkeeping functions, nested functions, statistical and financial functions, pivot tables, solver, and macros.	
<b>1 - 5 September</b>	Excel student budget. Track income with expenders. Apply formulas to create a spending budget, understanding of difference between assets, liabilities, and equity	
<b>8 - 12 September</b>	Final Semester Quiz – IGCSE ICT digital devices, concepts of digital video production. Advance Excel.	
<b>15 -19 September</b>	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Health and Physical Education Mathayom 3**  
**Semester 1/2025-2026 Teacher Benjamin Peter Fishman**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	Teacher Introduction	
<b>19 - 23 May</b>	Course Theme Introduction	
<b>26 – 30 May</b>	Biodata collection week	
<b>2 – 6 June</b>	Football scrimmage	
<b>9 – 13 June</b>	American football overview	
<b>16 – 20 June</b>	American football drills	
<b>23 – 27 June</b>	American football scrimmage	
<b>30 June - 4 July</b>	Rugby overview	
<b>7 - 11 July</b>	Rugby scrimmage	
<b>14 -18 July</b>	Nutrition lesson	
<b>21 – 25 July</b>	Nutrition quiz	
<b>28 July- 1 August</b>	Gaelic football overview	
<b>4 - 8 August</b>	Gaelic football drills	
<b>11 – 15 August</b>	Gaelic football scrimmage	
<b>18 - 22 August</b>	Local Sports project intro	
<b>25 - 29 August</b>	Local Sports project	
<b>1 - 5 September</b>	Local Sports project presentation	
<b>8 - 12 September</b>	Course theme debrief	
<b>15 -19 September</b>	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for FE Science Mathayom 3**  
**Semester 1/2025-2026 Teacher Stephen Welch**



Date	Contents	Comments/ Remarks
<b>12 - 16 May</b>	Introductions, Classroom Expectations, Semester Roadmap. Grades will be based on participation in in-class activities and behavior	
<b>19 - 23 May</b>	Further coverage of important info followed by beginning in-class activities	
<b>26 – 30 May</b>	In class activities + Microscopy Demonstration (plant cells)	
<b>2 – 6 June</b>	In class activities + Microscopy Demonstration (animal cells)	
<b>9 – 13 June</b>	In class activities + Microscopy Demonstration (sample collection)	
<b>16 – 20 June</b>	In class activities + Microscopy Demonstration (slide preparation)	
<b>23 – 27 June</b>	In class activities + Fungal Plating sample collection	
<b>30 June - 4 July</b>	In class activities + Flow Hood demonstration and sample preparation	
<b>7 - 11 July</b>	In class activities + Fungal sample observation (dissection scope), colony isolation?	
<b>14 -18 July</b>	In class activities + Four Fundamental Forces Lesson	
<b>21 – 25 July</b>	In class activities + Four Fundamental Forces Lesson (continued)	
<b>28 July- 1 August</b>	In class activities + Electromagnetism demonstration – Tesla’s plasma globe	
<b>4 - 8 August</b>	In class activities + Geomagnetism, earthing demonstration (out of classroom)	
<b>11 – 15 August</b>	In class activities + Piezoelectricity Lesson (demonstration if materials can be acquired)	
<b>18 - 22 August</b>	In class activities + Sound Resonance demonstration, “can sound heal?” – tuning forks	
<b>25 - 29 August</b>	In class activities + Some chemistry demonstration (TBD)	
<b>1 - 5 September</b>	In class activities + Some chemistry demonstration (TBD)	
<b>8 - 12 September</b>	In class activities + Dissections	
<b>15 -19 September</b>	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Our Daily Life Mathayom 3**  
**Semester 1/2025-2026 Teacher Mark Hartman**



Date	Contents	Comments/ Remarks
12 - 16 May	Sentence Construction (Basic structure, simple and compound sentences)	12 May <a href="#">Visakha</a> <a href="#">Bucha</a>
19 - 23 May	Subject-Verb Agreement	
26 - 30 May	Pluralization of Nouns	
2 - 6 June	Articles (Definite and Indefinite articles)	Queen's Birthday 2- 3 June
9 - 13 June	Pronoun Antecedent Agreement	
16 - 20 June	Verb Tenses (Present, past, future)	
22 - 27 June	Verbals (Gerunds, infinitives, participles)	
30 June - 4 July	Modifiers (Adjectives, adverbs, comparative and superlative)	
7 - 11 July	Prepositions (Common prepositions and prepositional phrases)	10 July Asalha Bucha
14 - 18 July	Transitional Words (Conjunctions, sentence connectors)	
21 - 25 July	Punctuation (Commas, periods, question marks, quotation marks, etc.)	
28 July - 1 August	Capitalization (Titles, names, beginning of sentences, etc.)	28 July King's Birthday
4 - 8 August	Diction (Word choice and how to use language appropriately)	
11 - 15 August	Redundancy (How to avoid repetitive language and phrases)	12 August Mother's Day
18 - 22 August	Reviewing and Revising (How to revise and improve drafts)	

<b>25 - 29 August</b>	Inferences, Advice, and Reassurance (Making inferences, offering advice, and reassurances)	
<b>1 - 5 September</b>	Emotive Vocabulary (Using words to express emotion and tone)	
<b>8 - 12 September</b>	Final Exam Week	



Introduction to Grammar and Sentence Structure



Building Blocks of Grammar



Verb Forms and Agreement



Modifiers and Prepositions



Writing and Mechanics



Avoiding Common Writing Errors



Developing Writing Skills



**Bangkok Christian College English Immersion Program**  
**Course Scope for English Social Studies Mathayom 3**  
**Semester 1/2025-2026 Teacher Andrew Hailstone**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	The Economic System, definition, and types of markets	12 May <a href="#">Visakha Bucha</a>
<b>19 - 23 May</b>	Types of countries, A.I.S. analysis of countries' economies	
<b>26 - 30 May</b>	Price Mechanism, how to work it out	
<b>2 - 6 June</b>	The Law of Demand, and the factors that decide	Queen's Birthday 2-3 June
<b>9 - 13 June</b>	Changes in the Laws of Demand	
<b>16 - 20 June</b>	The Law of Supply, and the factors that decide	
<b>22 - 27 June</b>	Changes in the Law of Supply	
<b>30 June - 4 July</b>	Equilibrium Price, Surplus, and Shortage	
<b>7 - 11 July</b>	Identifying the Roles of Government in Developing a country	10 July Asalha Bucha
<b>14 - 18 July</b>	Taxation, Intervention, and control of economic distribution	
<b>21 - 25 July</b>	Economic Policy of government, Production, Monetary	
<b>28 July - 1 August</b>	Economic Policy of government, Fiscal, International Policy	28 July King's Birthday
<b>4 - 8 August</b>	Inflation, definition and its calculation, causes	
<b>11 - 15 August</b>	Inflation, consequences and solutions and types of inflation	12 August Mother's Day
<b>18 - 22 August</b>	Deflation, definition, and its calculation, causes	
<b>25 - 29 August</b>	Deflation, consequences, and solutions	
<b>1 - 5 September</b>	Employment, reasons for it and analysis	
<b>8 - 12 September</b>	Revision	





**Bangkok Christian College English Immersion Program**  
**Course Scope for Fundamental English Mathayom 3**  
**Semester 1/2025-2026 Teacher Mark Hartman**



Date	Contents	Comments/ Remarks
12 - 16 May	Students read an extract from a mystery story. They practice the skills of identifying and linking key ideas, selecting information, using their own words and writing a summary.	12 May <a href="#">Visakha Bucha</a>
19 - 23 May	Students read an extract about the extinction of dinosaurs. They practice the skills of identifying and inferring key points, exploring the writer's intention, commenting on vocabulary choice, and planning and writing a response.	
26 - 30 May	Students read an extract about Easter Island. They practice the skills of exploring the writer's intention, structuring paragraphs, commenting on ideas and vocabulary choice and planning and writing a response.	
2 - 6 June	Students read a newspaper article about a mysterious 'Global Hum'. They practice the skills of identifying intentions and impressions, opening and ending an explanation, identifying elements of explanation and planning an explanation text.	Queen's Birthday 2-3 June
9 - 13 June	Students read an article about the Antikythera Mechanism. They practice the skills of identifying their response, identifying significant key points, identifying significant vocabulary, identifying significant sentence structures and organizing their response.	
16 - 20 June	Students complete an assessment task in the form of reading two extracts about mythical creatures and responding to questions about them. They write a comparison of the extracts, focusing on the writer's viewpoints.	
22 - 27 June	Students read an extract from a letter written by Charles Dickens. They practice the skills of linking key ideas, identifying and responding to intentions, summarizing and sending advice.	
30 June - 4 July	Students read a letter of advice from a father to his son about going back to school. They practice the skills of finding key points, exploring vocabulary and intention, choosing vocabulary and writing advice.	
7 - 11 July	Students complete an assessment task in the form of reading an extract about peer pressure from a website aimed at young people. They answer questions about the extract and write two paragraphs of their own advice.	10 July Asalha Bucha
14 - 18 July	Students read an extract from a book about how teenage readers can achieve their goals. They practice the skills of exploring intention, exploring sentence length, exploring sentence structure and writing advice.	
21 - 25 July	Students read four extracts which are the openings and endings to texts they have already read. They practice the skills of exploring openings, engaging the reader, exploring endings, and writing an opening and an ending for an advice text.	
28 July - 1 August	Students complete an assessment task in the form of planning, writing, reviewing and revising an article giving the reader advice on a topic of their choice.	28 July King's Birthday
4 - 8 August	Students read an extract from a story about a young man working in a bookshop. They practice the skills of inferring key ideas, exploring their response, developing a response and describing a character.	

<b>11 – 15 August</b>	Students read an extract from a novel containing a character description. They practice the skills of identifying and inferring key details, exploring the writer's intention, responding to vocabulary choice and writing a response.	12 August Mother's Day
<b>18 - 22 August</b>	Students read an extract from an account of the Shetland Isles in Scotland. They practice the skills of gathering impressions, building impressions through vocabulary choice, exploring language choice and writing a response.	
<b>25 - 29 August</b>	Students read an extract from a story about an eccentric writer who lives in an unusual home. They practice the skills of responding to key ideas, exploring vocabulary choice, exploring structure and sentence structure, and planning their response.	
<b>1 - 5 September</b>	Students complete an assessment task in the form of reading two extracts about different locations, responding to each and then comparing the two extracts.	
<b>8 - 12 September</b>	Final Exam Week	



**Unit 1 – Mysteries – Critical Writing**



**Unit 2 – Growing Up – Letter**



**Unit 3 – People and Places – Critical Writing**



# Bangkok Christian College English Immersion Program








## Course Scope for Our Daily Life Mathayom 3

Semester 1/2025-2026 Teacher Mark Hartman



Date	Contents	Comments/ Remarks
12 - 16 May	Sentence Construction (Basic structure, simple and compound sentences)	12 May Visakha Bucha
19 - 23 May	Subject-Verb Agreement	
26 - 30 May	Pluralization of Nouns	
2 - 6 June	Articles (Definite and Indefinite articles)	Queen's Birthday 2- 3 June
9 - 13 June	Pronoun Antecedent Agreement	
16 - 20 June	Verb Tenses (Present, past, future)	
22 - 27 June	Verbals (Gerunds, infinitives, participles)	
30 June - 4 July	Modifiers (Adjectives, adverbs, comparative and superlative)	
7 - 11 July	Prepositions (Common prepositions and prepositional phrases)	10 July Asalha Bucha
14 - 18 July	Transitional Words (Conjunctions, sentence connectors)	
21 - 25 July	Punctuation (Commas, periods, question marks, quotation marks, etc.)	
28 July - 1 August	Capitalization (Titles, names, beginning of sentences, etc.)	28 July King's Birthday
4 - 8 August	Diction (Word choice and how to use language appropriately)	
11 - 15 August	Redundancy (How to avoid repetitive language and phrases)	12 August Mother's Day
18 - 22 August	Reviewing and Revising (How to revise and improve drafts)	

<b>25 - 29 August</b>	Inferences, Advice, and Reassurance (Making inferences, offering advice, and reassurances)	
<b>1 - 5 September</b>	Emotive Vocabulary (Using words to express emotion and tone)	
<b>8 - 12 September</b>	Final Exam Week	

-  Introduction to Grammar and Sentence Structure
-  Building Blocks of Grammar
-  Verb Forms and Agreement
-  Modifiers and Prepositions
-  Writing and Mechanics
-  Avoiding Common Writing Errors
-  Developing Writing Skills



**Bangkok Christian College English Immersion Program**  
**Course Scope for English Social Studies Mathayom 3**  
**Semester 1/2025-2026 Teacher Andrew Hailstone**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	The Economic System, definition, and types of markets	12 May Visakha Bucha
<b>19 - 23 May</b>	Types of countries, A.I.S. analysis of countries' economies	
<b>26 - 30 May</b>	Price Mechanism, how to work it out	
<b>2 - 6 June</b>	The Law of Demand, and the factors that decide	Queen's Birthday 2-3 June
<b>9 - 13 June</b>	Changes in the Laws of Demand	
<b>16 - 20 June</b>	The Law of Supply, and the factors that decide	
<b>22 - 27 June</b>	Changes in the Law of Supply	
<b>30 June - 4 July</b>	Equilibrium Price, Surplus, and Shortage	
<b>7 - 11 July</b>	Identifying the Roles of Government in Developing a country	10 July Asalha Bucha
<b>14 - 18 July</b>	Taxation, Intervention, and control of economic distribution	
<b>21 - 25 July</b>	Economic Policy of government, Production, Monetary	
<b>28 July - 1 August</b>	Economic Policy of government, Fiscal, International Policy	28 July King's Birthday
<b>4 - 8 August</b>	Inflation, definition and its calculation, causes	
<b>11 - 15 August</b>	Inflation, consequences and solutions and types of inflation	12 August Mother's Day
<b>18 - 22 August</b>	Deflation, definition, and its calculation, causes	
<b>25 - 29 August</b>	Deflation, consequences, and solutions	
<b>1 - 5 September</b>	Employment, reasons for it and analysis	
<b>8 - 12 September</b>	Revision	



**Bangkok Christian College English Immersion Program**  
**Course Scope for FE Science Mathayom 3**  
**Semester 1/2025-2026 Teacher Stephen Welch**



Date	Contents	Comments/ Remarks
12 - 16 May	Introductions, Classroom Expectations, Semester Roadmap. Grades will be based on participation in in-class activities and behavior	
19 - 23 May	Further coverage of important info followed by beginning in-class activities	
26 – 30 May	In class activities + Microscopy Demonstration (plant cells)	
2 – 6 June	In class activities + Microscopy Demonstration (animal cells)	
9 – 13 June	In class activities + Microscopy Demonstration (sample collection)	
16 – 20 June	In class activities + Microscopy Demonstration (slide preparation)	
23 – 27 June	In class activities + Fungal Plating sample collection	
30 June - 4 July	In class activities + Flow Hood demonstration and sample preparation	
7 - 11 July	In class activities + Fungal sample observation (dissection scope), colony isolation?	
14 -18 July	In class activities + Four Fundamental Forces Lesson	
21 – 25 July	In class activities + Four Fundamental Forces Lesson (continued)	
28 July- 1 August	In class activities + Electromagnetism demonstration – Tesla’s plasma globe	
4 - 8 August	In class activities + Geomagnetism, earthing demonstration (out of classroom)	
11 – 15 August	In class activities + Piezoelectricity Lesson (demonstration if materials can be acquired)	
18 - 22 August	In class activities + Sound Resonance demonstration, “can sound heal?” – tuning forks	
25 - 29 August	In class activities + Some chemistry demonstration (TBD)	
1 - 5 September	In class activities + Some chemistry demonstration (TBD)	
8 - 12 September	In class activities + Dissections	
15 -19 September	Final Exam Week	



# Bangkok Christian College English Immersion Program

## Course Scope for Fundamental English Mathayom 3

Semester 1/2025-2026 Teacher Mark Hartman



Date	Contents	Comments/ Remarks
12 - 16 May	Students read an extract from a mystery story. They practice the skills of identifying and linking key ideas, selecting information, using their own words and writing a summary.	12 May Visakha Bucha
19 - 23 May	Students read an extract about the extinction of dinosaurs. They practice the skills of identifying and inferring key points, exploring the writer's intention, commenting on vocabulary choice, and planning and writing a response.	
26 - 30 May	Students read an extract about Easter Island. They practice the skills of exploring the writer's intention, structuring paragraphs, commenting on ideas and vocabulary choice and planning and writing a response.	
2 - 6 June	Students read a newspaper article about a mysterious 'Global Hum'. They practice the skills of identifying intentions and impressions, opening and ending an explanation, identifying elements of explanation and planning an explanation text.	Queen's Birthday 2- 3 June
9 - 13 June	Students read an article about the Antikythera Mechanism. They practice the skills of identifying their response, identifying significant key points, identifying significant vocabulary, identifying significant sentence structures and organizing their response.	
16 - 20 June	Students complete an assessment task in the form of reading two extracts about mythical creatures and responding to questions about them. They write a comparison of the extracts, focusing on the writer's viewpoints.	
22 - 27 June	Students read an extract from a letter written by Charles Dickens. They practice the skills of linking key ideas, identifying and responding to intentions, summarizing and sending advice.	
30 June - 4 July	Students read a letter of advice from a father to his son about going back to school. They practice the skills of finding key points, exploring vocabulary and intention, choosing vocabulary and writing advice.	
7 - 11 July	Students complete an assessment task in the form of reading an extract about peer pressure from a website aimed at young people. They answer questions about the extract and write two paragraphs of their own advice.	10 July Asalha Bucha
14 - 18 July	Students read an extract from a book about how teenage readers can achieve their goals. They practice the skills of exploring intention, exploring sentence length, exploring sentence structure and writing advice.	
21 - 25 July	Students read four extracts which are the openings and endings to texts they have already read. They practice the skills of exploring openings, engaging the reader, exploring endings, and writing an opening and an ending for an advice text.	
28 July - 1 August	Students complete an assessment task in the form of planning, writing, reviewing and revising an article giving the reader advice on a topic of their choice.	28 July King's Birthday
4 - 8 August	Students read an extract from a story about a young man working in a bookshop. They practice the skills of inferring key ideas, exploring their response, developing a response and describing a character.	

<b>11 – 15 August</b>	Students read an extract from a novel containing a character description. They practice the skills of identifying and inferring key details, exploring the writer's intention, responding to vocabulary choice and writing a response.	12 August Mother's Day
<b>18 - 22 August</b>	Students read an extract from an account of the Shetland Isles in Scotland. They practice the skills of gathering impressions, building impressions through vocabulary choice, exploring language choice and writing a response.	
<b>25 - 29 August</b>	Students read an extract from a story about an eccentric writer who lives in an unusual home. They practice the skills of responding to key ideas, exploring vocabulary choice, exploring structure and sentence structure, and planning their response.	
<b>1 - 5 September</b>	Students complete an assessment task in the form of reading two extracts about different locations, responding to each and then comparing the two extracts.	
<b>8 - 12 September</b>	Final Exam Week	

 **Unit 1 – Mysteries – Critical Writing**

 **Unit 2 – Growing Up – Letter**

 **Unit 3 – People and Places – Critical Writing**





# Bangkok Christian College English Immersion Program

## Course Scope for Computer Mathayom 3

Semester 1/2025-2026 Teacher Dean Landucci



Date	Contents	Comments/ Remarks
12 - 16 May	A welcome introduction to the computer room. Set up passwords, login, accessing Microsoft 365. Enroll in the Teams channel.	
19 - 23 May	Advance photography art project. Understanding of camera features to create specialty photography. Shutter speed, F-stop, double exposures	
26 - 30 May	Advanced Ps applying filter effects, color adjustments, working with mats, and double exposure effects.	
2 - 6 June	Concept of 3D environment, understanding of polygons, navigation. Creation of an art gallery. Rendering and publishing objects in exportable files like .obj.	
9 - 13 June	Apply principles of design and user experience to create immersive, functional virtual spaces.	
16 - 20 June	IGCSE ICT workbooks, types of digital devices. Task 1-3 differences of kinds of computers.	
23 - 27 June	IGCSE ICT workbooks, Understanding of Internet, IP,ISP, DNS, and hardware to create local area networks.	
30 June - 4 July	Midterm quiz – IGCSE ICT Types of Digital Devices. Internet function. Understanding of hardware to create networks.	
7 - 11 July	IGCSE ICT workbooks understanding of digital video. Frame rates, aspect ratio, file compression formats, file bit rate sizes.	
14 -18 July	Digital video editing techniques, pace and speed of edits, working with audio, creation of title effects, Exporting a video project, concepts of rendering files, export settings, and presenting video project.	
21 - 25 July	Students use online documents for answer sheets to supplement worksheets. Create shared links, send work, and receive corrections and comments through shared documents publication tools.	
28 July- 1 August	Video production project present – Reporter, and student are given a topic to create a news package. Optional if a student video contest is available for consideration of enrollment.	
4 - 8 August	Export video projects – understanding of render settings, creation of shared links.	
11 - 15 August	Presentations of student's video files, critiquing and marking projects. Students learn how to present their work; problem solve to show their productions.	
18 - 22 August	Advanced Excel – bookkeeping functions, nested functions, statistical and financial functions, pivot tables, solver, and macros	
25 - 29 August	Advanced Excel – bookkeeping functions, nested functions, statistical and financial functions, pivot tables, solver, and macros.	
1 - 5 September	Excel student budget. Track income with expenders. Apply formulas to create a spending budget, understanding of difference between assets, liabilities, and equity	
8 - 12 September	Final Semester Quiz – IGCSE ICT digital devices, concepts of digital video production. Advance Excel.	
15 -19 September	Final Exam Week	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Mathematics – Algebra 2 Mathayom 3**  
**Semester 1/2025-2026 Teacher Douglas Dake**  
**McGraw Hill – Reveal Algebra 2**



Week	Date	Contents	Comments/ Remarks
1	12 – 16 May	Module 1: Relations and Functions 1-1 Functions and Continuity 1-2 Linearity, Intercepts, and Symmetry 1-3 Extrema and End Behavior	ALEKS Initial Knowledge Check
2	19 – 23 May	Module 1: Relations and Functions 1-4 Sketching Graphs and Comparing Functions 1-5 Graphing Linear Functions and Inequalities 1-6 Special Functions	
3	26 – 30 May	Module 1: Relations and Functions 1-7 Transformation of Functions Module 1 Review	Basic Module 1 Test
4	2 – 6 June	Module 2: Linear Equations, Inequalities, and Systems 2-1 Solving Linear Equations and Inequalities 2-2 Solving Absolute Value Equations and Inequalities 2-3 Equations of Linear Functions	
5	9 – 13 June	Module 2: Linear Equations, Inequalities, and Systems 2-4 Solving Systems of Equations Graphically 2-5 Solving Systems of Equations Algebraically 2-6 Solving Systems of Inequalities	
6	16 - 20 June	Module 2: Linear Equations, Inequalities, and Systems 2-7 Optimization of Linear Programming 2-8 Systems of Equations in Three Variables	
7	23 - 27 June	Module 2: Linear Equations, Inequalities, and Systems 2-9 Solving Absolute Value Equations and Inequalities Module 2 Review	Basic Module 2 Test
8	30 June - 4 July	Module 3: Quadratic Functions 3-1 Graphing Quadratic Functions 3-2 Solving Quadratic Equations by Graphing 3-3 Complex Numbers	
9	7 - 11 July	Module 3: Quadratic Functions 3-4 Solving Quadratic Equations by Factoring 3-5 Solving Quadratic Equations by Completing the Square 3-6 Using the Quadratic Formula and the Discriminant	
10	14 – 18 July	Module 3: Quadratic Functions 3-7 Quadratic Inequalities 3-8 Solving Linear-Nonlinear Systems Module 3 Review	Additional Module 3 Test
11	21 - 25 July	Module 4: Polynomials and Polynomial Functions 4-1 Polynomial Functions 4-2 Analyzing Graphs of Polynomial Functions 4-3 Operations with Polynomials	
12	28 July – 1 Aug.	Module 4: Polynomials and Polynomial Functions 4-4 Dividing Polynomials 4-5 Powers of Binomials Module 4 Review	Basic Module 4 Test
13	4 - 8 Aug.	Module 5: Polynomial Equations 5-1 Solving Polynomial Equations by Graphing 5-2 Solving Polynomial Equations Algebraically 5-3 Proving Polynomial Identities	
14	11 - 15 Aug.	Module 5: Polynomial Equations 5-4 The Remainder and Factor Theorems 5-5 Roots and Zeros Module 5 Review	Basic Module 5 Test
15	18 - 22 Aug.	Module 6: Inverses and Radical Functions 6-1 Operations of Functions 6-2 Inverse Relations and Functions 6-3 nth Roots and Rational Exponents	
16	25 – 29 Aug.	Module 6: Inverses and Radical Functions 6-4 Graphing Radical Functions 6-5 Operations with Radical Expressions 6-6 Solving Radical Equations Module 6 Review	Additional Module 6 Test
17	1 – 5 Sept.	Final Exam Review – Basic	
18	8 – 12 Sept.	Final Exam Review – Additional	
19	15 – 18 Sept.	Final Exam Week	



# **Bangkok Christian College English Immersion Program**

## **Course Scope for Health and Physical Education Mathayom 3**

**Semester 1/2025-2026 Teacher Benjamin Peter Fishman**



<b>Date</b>	<b>Contents</b>	<b>Comments/ Remarks</b>
<b>12 - 16 May</b>	Teacher Introduction	
<b>19 - 23 May</b>	Course Theme Introduction	
<b>26 – 30 May</b>	Biodata collection week	
<b>2 – 6 June</b>	Football scrimmage	
<b>9 – 13 June</b>	American football overview	
<b>16 – 20 June</b>	American football drills	
<b>23 – 27 June</b>	American football scrimmage	
<b>30 June - 4 July</b>	Rugby overview	
<b>7 - 11 July</b>	Rugby scrimmage	
<b>14 -18 July</b>	Nutrition lesson	
<b>21 – 25 July</b>	Nutrition quiz	
<b>28 July- 1 August</b>	Gaelic football overview	
<b>4 - 8 August</b>	Gaelic football drills	
<b>11 – 15 August</b>	Gaelic football scrimmage	
<b>18 - 22 August</b>	Local Sports project intro	
<b>25 - 29 August</b>	Local Sports project	
<b>1 - 5 September</b>	Local Sports project presentation	
<b>8 - 12 September</b>	Course theme debrief	
<b>15 -19 September</b>	Final Exam Week	



# Bangkok Christian College English Immersion Program

## Course Scope for Science & Technology Mathayom 3

Semester 1/2025-2026 Teacher Declan Lightowler



Date	Contents	Comments/ Remarks
12 - 16 May	Introduction and Course Outline	
19 - 23 May	Organism Organisation and Relationships	
26-30 May	Calculating Population Density	
2-6 June	The Carbon Cycle	
9 – 13 June	Human Impacts on the Environment	
16 – 20 June	Laboratory	
23 – 27 June	Human Reproduction and the Endocrine System	
30 June - 4 July	Meiosis and Mitosis	
7-11 July	Mutations	
14-18 July	Evolution by Natural Selection	
21 – 25 July	Waves: Properties of Waves	
28 July- 1 August	Waves: Light and Sound	
4 - 8 August	Introduction to the Electromagnetic Spectrum	
11 – 15 August	EM Spectrum: Applications and Dangers	
18 - 22 August	Presentation Project	
25 - 29 August	Reflection and Refraction	
1-5 September	Snell's Law	
8 -12 September	End of Term Test	
15 -19 September	Final Exam Week	