



# Bangkok Christian College English Immersion Program

Course Scope for Mathematics Mathayom 1  
Semester 2/2024-2025 Teacher Gregory Hewes



Date	Contents	Comments/ Remarks
21 - 25 Oct.	Welcome Back - Sem 2 Orientation	21- 23 Oct. Contract Holiday 25 Oct. Students Return
28 Oct. - 1 Nov.	6-1A Graphing Systems of Equations 6-2A Substitution 6-3A Elimination Using Addition and Subtractions	
4 – 8 Nov.	6-4A Elimination Using Multiplication 6-5A Applying Systems of Linear Equations 6-6A Systems of Inequalities Basic Unit 5 Quiz	
11 - 15 Nov.	7-1A Multiplication Properties of Exponents 7-2A Division Properties of Exponents 7-3A Rational Exponents	
18 - 22 Nov.	7-4A Radical Expressions Additional Unit 5 Quiz 7-5A Exponential Functions	
25 – 29 Nov.	7-7A Writing Exponential Functions 7-9A Geometric Sequences and Exponential Functions 7-10A Recursive Formulas Basic Unit 6 Quiz	
2 - 6 Dec.	8-1A Adding and Subtracting Polynomials 8-2A Multiplying a Polynomial by a Monomial 8-3A Multiplying Polynomials 8-4A Special Products	5 Dec. – Rama IX Birthday
9 - 13 Dec.	Additional Unit 6 Quiz 8-5A – Using the Distributive Property 8-6A – Factoring Quadratic Polynomials	10 Dec. – Constitution Day
16 - 20 Dec.	8-7A – Factoring Special Products Basic Unit 7 Quiz	
23 - 27 Dec.	(Holiday – No Classes)	24 Dec. – Christmas Parties 25 – 27 Dec. –Christmas Holiday
30 Dec.- 3 Jan.	(Holiday – No Classes)	30 Dec. – 3 Jan. – Christmas Holiday
6 - 10 Jan.	9-1A Graphing Quadratic Formulas 9-3A Solving Quadratic Equations by Graphing	
13 - 17 Jan.	9-4A Solving Quadratic Equations by Factoring 9-5A Solving Quadratic Equations by Completing the Square Additional Unit 7 Quiz	16 Jan. – Teacher’s Day
20 - 24 Jan.	9-6A Solving Quadratic Equations Using the Quadratic Formula 9-7A Solving Systems of Linear and Quadratic Equations 9-8A Analyzing Functions with Successive Differences	
27 – 31 Jan.	9-9A Combining Functions Basic Unit 8 Quiz 10-1A Measures of Center	
3 - 7 Feb.	10-2A Representing Data 10-3A Measures of Spread 10-4A Distributions of Data Additional Math Unit 8 Quiz	
10 - 14 Feb.	Review for Final Exams	12 Feb – Makha Bucha
17 - 21 Feb.	<b>Final Exam Week</b>	



# Bangkok Christian College English Immersion Program

## Course Scope for Science & Technology Matthayom 1

Semester 2/2024-2025 Teacher Ian Spellman



Date	Contents	Comments/ Remarks
25 October	Introductions, Semester 1 Recap, Expectations, other important information	
28 October – 1 November	Basic Biochemistry (nothing technical obviously, just introduction to proteins, lipids, carbohydrates, and nucleic acids)	
4 - 8 November	Continue Basic Biochemistry (related to chemical energy – nutrition cycle of photosynthesis and cellular respiration)	
11 - 15 November	Biochemistry Quiz; Begin Potential and Kinetic Energy	
18 - 22 November	Potential and Kinetic Energy	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Continue Kinetic and Potential Energy; Quiz	
9 – 13 December	Introduction to Plants (What is a Plant? What are the major taxonomical groups?)	
16 – 20 December	Continue Introduction to Plants	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Recap and Conclude Introduction to Plants; Quiz	
13 – 17 January	LAB: Soil Collection/Fungus Culturing; Begin Mycology (What is a fungus? What are the major taxonomical groups? Reproduction Strategies)	
20 - 24 January	Continue Mycology (Plant-fungus symbiosis, mycorrhizae, endophytes)	
27 – 31 January	Quiz: Mycology	
3 – 7 February	Health Science (Diet, exercise, sources of environmental health hazards, etc.)	
10 – 14 February	Final Exam Review and Final Project Presentations	
17 - 21 February	***Final Exams***	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Fundamental English/Our Daily Life Matthayom 1**



**Semester 2/2024-2025 Teacher Miles Long**

Date	Contents	Comments
25 October	Unit 2 Danger Section 1 Reading and Understanding <ul style="list-style-type: none"> <li>• Skimming/Scanning</li> <li>• Monitoring Understanding</li> <li>• Checking Understanding</li> <li>• Assign Classroom group poster project</li> </ul>	
28 October – 1 November	Unit 2 Danger Section 1 Reading and Understanding <ul style="list-style-type: none"> <li>• Scanning for key words</li> <li>• Scanning for key points of information</li> <li>• Combining key points of information</li> </ul> <i>Assessment:</i> Identifying and defining words not understood in tsunami extract	
4 - 8 November	Unit 2 Danger Section 2 Combining Key Points <ul style="list-style-type: none"> <li>• Understanding unfamiliar words</li> <li>• Understanding new vocabulary</li> <li>• Testing yourself on a text to consolidate understanding</li> <li>• Identifying key points</li> <li>• Combining and comparing key points</li> </ul> <i>Assessment:</i> writing assignment about taking part in a competition	
11 - 15 November	Unit 2 Danger Section 3 Summarizing Key Information <ul style="list-style-type: none"> <li>• Checking understanding</li> <li>• Identifying key points</li> <li>• Combining key points</li> <li>• Linking clauses with conjunctions</li> <li>• Summarizing key Information</li> </ul> <i>Assessment:</i> Writing a summary of an extract <i>Writing assignment:</i> Write about a conflict between at least two people or two groups of people/or write next chapter of Cal/Sam extract in SB Pages 60-61	Sports Day 11-14
18 - 22 November	Unit 2 Danger Section 4 Comparing Key Points <ul style="list-style-type: none"> <li>• Exploring an extract about a hurricane</li> <li>• Identifying key points</li> <li>• Making connections</li> <li>• Pronouns</li> </ul> <i>Assessment:</i> Writing a comparison of two extracts	
25 – 29 November	Unit 2 Danger Section 5 Assessment	

	<ul style="list-style-type: none"> <li>• Reading/answering questions on an extract</li> <li>• Writing a comparison of two extracts</li> </ul>	
<b>2 – 6 December</b>	<p style="text-align: center;">Unit 2 Danger</p> <p style="text-align: center;">Section 6 Inferring Intentions</p> <ul style="list-style-type: none"> <li>• Retrieving information</li> <li>• Making inferences</li> <li>• Using quotations</li> <li>• Identifying the writer’s intention</li> </ul> <p><i>Assessment:</i> Writing two paragraphs in which the narrator implies his/her thoughts and feelings</p>	
<b>9 – 13 December</b>	<p style="text-align: center;">Unit 2 Danger</p> <p style="text-align: center;">Section 7 Responding to a Text</p> <ul style="list-style-type: none"> <li>• Exploring first responses to an extract</li> <li>• Identifying the writer’s intention</li> <li>• Synonyms and antonyms</li> <li>• Developing a response to an extract</li> </ul> <p><i>Assessment:</i> Writing a guide as to how to write a response to a text</p>	
<b>16 – 20 December</b>	<p style="text-align: center;">Unit 2 Danger</p> <p style="text-align: center;">Section 8 Supporting your Response</p> <ul style="list-style-type: none"> <li>• Exploring setting</li> <li>• Exploring character</li> <li>• Clauses and full stops</li> <li>• Selecting relevant evidence</li> <li>• Writing a response</li> </ul> <p><i>Assessment:</i> Writing 3 paragraphs explaining reasons for enjoying favorite books/movies.</p>	
<b>23 – 27 December</b>		
<b>30 December – 3 January</b>		
<b>6 – 10 January</b>	<p style="text-align: center;">Unit 2 Danger</p> <p style="text-align: center;">Section 11 Writing your Response</p> <ul style="list-style-type: none"> <li>• Considering intention and gathering ideas</li> </ul> <p><i>Assessment:</i> Writing the opening of a story in which the narrator finds themselves in danger.</p>	
<b>13 – 17 January</b>	<p style="text-align: center;">Unit 2 Danger</p> <p style="text-align: center;">Section 11 Writing your Response</p> <ul style="list-style-type: none"> <li>• Proofreading</li> <li>• Tracking your intention as a writer</li> <li>• Tracking a reader’s response</li> </ul> <p><i>Assessment:</i> Writing two paragraphs explaining response to a story opening from previous lesson.</p>	

<p>January 22rd - 26th 20 - 24 January</p>	<p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 1 Creating an Impression</p> <ul style="list-style-type: none"> <li>• Thinking about Action</li> <li>• Inferring ideas</li> <li>• Connotations</li> <li>• Exploring impressions</li> </ul> <p><i>Assessment:</i> Writing the start of a story, creating impressions of two characters taking off from Earth in a spaceship</p> <p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 2 Exploring Intention and Structure</p> <ul style="list-style-type: none"> <li>• Inferring Ideas</li> <li>• Intention and response</li> <li>• Paragraphing</li> <li>• Structuring a text</li> </ul> <p><i>Assessment:</i> Write three to four paragraphs describing a journey through the universe</p>	
<p>27 – 31 January</p>	<p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 3 Selecting Verbs</p> <ul style="list-style-type: none"> <li>• Gathering information</li> <li>• Exploring verb choice</li> <li>• Adverbs</li> <li>• Descriptive verbs</li> </ul> <p><i>Assessment:</i> Writing interesting or dramatic verbs to describe given events such as movement, speech, sight, impact and flight</p>	
<p>3 – 7 February</p>	<p style="text-align: center;">Review Week - Final Exams 2023</p>	<p>Last Week of Classes</p>
<p>10 – 14 February</p>	<p style="text-align: center;">Final Exam Week 2023</p>	<p>Finals Week</p>



# Bangkok Christian College English Immersion Program

## Course Scope for Mathematics Mathayom 1 Semester 2/2024-2025 Teacher Gregory Hewes



Date	Contents	Comments/ Remarks
21 - 25 Oct.	Welcome Back - Sem 2 Orientation	21- 23 Oct. Contract Holiday 25 Oct. Students Return
28 Oct. - 1 Nov.	6-1A Graphing Systems of Equations 6-2A Substitution 6-3A Elimination Using Addition and Subtractions	
4 – 8 Nov.	6-4A Elimination Using Multiplication 6-5A Applying Systems of Linear Equations 6-6A Systems of Inequalities Basic Unit 5 Quiz	
11 - 15 Nov.	7-1A Multiplication Properties of Exponents 7-2A Division Properties of Exponents 7-3A Rational Exponents	
18 - 22 Nov.	7-4A Radical Expressions Additional Unit 5 Quiz 7-5A Exponential Functions	
25 – 29 Nov.	7-7A Writing Exponential Functions 7-9A Geometric Sequences and Exponential Functions 7-10A Recursive Formulas Basic Unit 6 Quiz	
2 - 6 Dec.	8-1A Adding and Subtracting Polynomials 8-2A Multiplying a Polynomial by a Monomial 8-3A Multiplying Polynomials 8-4A Special Products	5 Dec. – Rama IX Birthday
9 - 13 Dec.	Additional Unit 6 Quiz 8-5A – Using the Distributive Property 8-6A – Factoring Quadratic Polynomials	10 Dec. – Constitution Day
16 - 20 Dec.	8-7A – Factoring Special Products Basic Unit 7 Quiz	
23 - 27 Dec.	(Holiday – No Classes)	24 Dec. – Christmas Parties 25 – 27 Dec. –Christmas Holiday
30 Dec.- 3 Jan.	(Holiday – No Classes)	30 Dec. – 3 Jan. – Christmas Holiday
6 - 10 Jan.	9-1A Graphing Quadratic Formulas 9-3A Solving Quadratic Equations by Graphing	
13 - 17 Jan.	9-4A Solving Quadratic Equations by Factoring 9-5A Solving Quadratic Equations by Completing the Square Additional Unit 7 Quiz	16 Jan. – Teacher’s Day
20 - 24 Jan.	9-6A Solving Quadratic Equations Using the Quadratic Formula 9-7A Solving Systems of Linear and Quadratic Equations 9-8A Analyzing Functions with Successive Differences	
27 – 31 Jan.	9-9A Combining Functions Basic Unit 8 Quiz 10-1A Measures of Center	
3 - 7 Feb.	10-2A Representing Data 10-3A Measures of Spread 10-4A Distributions of Data Additional Math Unit 8 Quiz	
10 - 14 Feb.	Review for Final Exams	12 Feb – Makha Bucha
17 - 21 Feb.	<b>Final Exam Week</b>	



# Bangkok Christian College English Immersion Program

## Course Scope for Science & Technology Matthayom 1

Semester 2/2024-2025 Teacher Ian Spellman



Date	Contents	Comments/ Remarks
25 October	Introductions, Semester 1 Recap, Expectations, other important information	
28 October – 1 November	Basic Biochemistry (nothing technical obviously, just introduction to proteins, lipids, carbohydrates, and nucleic acids)	
4 - 8 November	Continue Basic Biochemistry (related to chemical energy – nutrition cycle of photosynthesis and cellular respiration)	
11 - 15 November	Biochemistry Quiz; Begin Potential and Kinetic Energy	
18 - 22 November	Potential and Kinetic Energy	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Continue Kinetic and Potential Energy; Quiz	
9 – 13 December	Introduction to Plants (What is a Plant? What are the major taxonomical groups?)	
16 – 20 December	Continue Introduction to Plants	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Recap and Conclude Introduction to Plants; Quiz	
13 – 17 January	LAB: Soil Collection/Fungus Culturing; Begin Mycology (What is a fungus? What are the major taxonomical groups? Reproduction Strategies)	
20 - 24 January	Continue Mycology (Plant-fungus symbiosis, mycorrhizae, endophytes)	
27 – 31 January	Quiz: Mycology	
3 – 7 February	Health Science (Diet, exercise, sources of environmental health hazards, etc.)	
10 – 14 February	Final Exam Review and Final Project Presentations	
17 - 21 February	***Final Exams***	



# Bangkok Christian College English Immersion Program

## Course Scope for Physical Education Matthayom 1

Semester 2/2024-2025 Teacher Ben Fishman



Date	Contents	Comments Remarks
25 October	Ice Breaker/What is a health goal?	School Starts
28 October – 1 November	Fitness Test <ul style="list-style-type: none"> <li>● Burpees</li> <li>● 40 yard dash</li> <li>● Max jump height</li> </ul>	
4 - 8 November	Health Research 101/Beginning of health myth research project	Students will investigate and debunk an online fitness myth
11 - 15 November	Football <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
18 - 22 November	Basketball <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Types of exercise <ul style="list-style-type: none"> <li>● Hypertrophy explained</li> <li>● Cardio, and why it's the worst but also the best</li> <li>● Weight Training, and why you shouldn't be lifting that much</li> </ul>	
9 – 13 December	American Football <ul style="list-style-type: none"> <li>● Rules &amp; Strategies</li> <li>● 7 on 7 games</li> </ul>	Research Proposals Due
16 – 20 December	Capture the Flag	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Nutrition 101 <ul style="list-style-type: none"> <li>● Calculating Caloric Maintenance</li> <li>● Safe Weight loss/gain</li> <li>● “Gaintaing” and why it literally never works except for you</li> </ul>	
13 – 17 January	Research Project Presentations	Research Projects Due
20 - 24 January	Research Project Presentations (if needed) <ul style="list-style-type: none"> <li>● If not, sport of choice</li> </ul>	
27 – 31 January	Re-do Fitness Test <ul style="list-style-type: none"> <li>● Burpees</li> <li>● 40 yard dash</li> <li>● Max jump height</li> </ul>	Results will be compared to the beginning of the semester
3 – 7 February	Football 2.0 <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
10 – 14 February	End of Unit Assessments	
17 - 21 February	***Final Exams***	





# Bangkok Christian College English Immersion Program

## Course Scope for Design and Technology Matthayom 1

Semester 2/2024-2025 Teacher Dean Landucci



Date	Contents	Comments/ Remarks
25 October	Coding Fundamentals: Begin with the basic concepts of coding, such as understanding variables, data types, loops, and conditionals.	
28 October – 1 November	Learn Syntax and Structure: Explore <i>Tinkercad</i> block coding.	
4 - 8 November	Solving: Solving problems. Understanding of different code, blocks, color code and their relation to various actions.	
11 - 15 November	Build Projects: Hands-on experience. Encourage students to apply their coding skills by creating small projects.	
18 - 22 November	IGCSE ICT Workbook: Artificial Intelligence (AI) and Automation: Students learn how AI is being applied in various industries, including robotics, machine learning, and game environment development.	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Biometrics: The chapter covers biometric technologies, such as fingerprint and facial recognition, which are used for identity verification and security purposes.	
9 – 13 December	Virtual and Augmented Reality (VR/AR): Students explore the concepts of virtual reality (VR) and augmented reality (AR) and how they are transforming entertainment, education, and training by creating immersive environments and interactive experiences.	
16 – 20 December	Quantum Cryptography: Learners are introduced to quantum cryptography, a cutting-edge technology used for securing communications and data transmission.	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Robotics and Automation: Emerging technologies in robotics are automating tasks previously done by humans, such as manufacturing and delivery services. Students learn how robots and automation improve efficiency and productivity across industries.	
13 – 17 January	Understanding Desktop Publishing Software: Students learn to use desktop publishing (DTP) using BCC accounts in Canva to create a student portfolio	
20 - 24 January	Effective Use of Layout and Design Principles: To create visually appealing documents. Students learn principles such as contrast, repetition, alignment, and proximity to organize content effectively and enhance readability.	
27 – 31 January	Incorporating Images and Graphics: Students explore how to integrate images, graphics, and other multimedia elements into desktop publications.	
3 – 7 February	Typography and Font Selection: Learners understand the role of typography in desktop publishing.	
10 – 14 February	Exporting and Publishing: Finalize and export desktop publications into different formats, such as PDF for final project submission and grading.	
17 - 21 February	***Final Exams***	



**Bangkok Christian College English Immersion Program**  
**Course Scope for Fundamental English/Our Daily Life Matthayom 1**  
**Semester 2/2024-2025 Teacher Miles Long**



Date	Contents	Comments
25 October	Unit 2 Danger Section 1 Reading and Understanding <ul style="list-style-type: none"> <li>• Skimming/Scanning</li> <li>• Monitoring Understanding</li> <li>• Checking Understanding</li> <li>• Assign Classroom group poster project</li> </ul>	
28 October – 1 November	Unit 2 Danger Section 1 Reading and Understanding <ul style="list-style-type: none"> <li>• Scanning for key words</li> <li>• Scanning for key points of information</li> <li>• Combining key points of information</li> </ul> <i>Assessment:</i> Identifying and defining words not understood in tsunami extract	
4 - 8 November	Unit 2 Danger Section 2 Combining Key Points <ul style="list-style-type: none"> <li>• Understanding unfamiliar words</li> <li>• Understanding new vocabulary</li> <li>• Testing yourself on a text to consolidate understanding</li> <li>• Identifying key points</li> <li>• Combining and comparing key points</li> </ul> <i>Assessment:</i> writing assignment about taking part in a competition	
11 - 15 November	Unit 2 Danger Section 3 Summarizing Key Information <ul style="list-style-type: none"> <li>• Checking understanding</li> <li>• Identifying key points</li> <li>• Combining key points</li> <li>• Linking clauses with conjunctions</li> <li>• Summarizing key Information</li> </ul> <i>Assessment:</i> Writing a summary of an extract <i>Writing assignment:</i> Write about a conflict between at least two people or two groups of people/or write next chapter of Cal/Sam extract in SB Pages 60-61	Sports Day 11-14
18 - 22 November	Unit 2 Danger Section 4 Comparing Key Points <ul style="list-style-type: none"> <li>• Exploring an extract about a hurricane</li> <li>• Identifying key points</li> <li>• Making connections</li> <li>• Pronouns</li> </ul> <i>Assessment:</i> Writing a comparison of two extracts	

<p><b>25 – 29 November</b></p>	<p>Unit 2 Danger</p> <p>Section 5 Assessment</p> <ul style="list-style-type: none"> <li>• Reading/answering questions on an extract</li> <li>• Writing a comparison of two extracts</li> </ul>	
<p><b>2 – 6 December</b></p>	<p>Unit 2 Danger</p> <p>Section 6 Inferring Intentions</p> <ul style="list-style-type: none"> <li>• Retrieving information</li> <li>• Making inferences</li> <li>• Using quotations</li> <li>• Identifying the writer’s intention</li> </ul> <p><i>Assessment:</i> Writing two paragraphs in which the narrator implies his/her thoughts and feelings</p>	
<p><b>9 – 13 December</b></p>	<p>Unit 2 Danger</p> <p>Section 7 Responding to a Text</p> <ul style="list-style-type: none"> <li>• Exploring first responses to an extract</li> <li>• Identifying the writer’s intention</li> <li>• Synonyms and antonyms</li> <li>• Developing a response to an extract</li> </ul> <p><i>Assessment:</i> Writing a guide as to how to write a response to a text</p>	
<p><b>16 – 20 December</b></p>	<p>Unit 2 Danger</p> <p>Section 8 Supporting your Response</p> <ul style="list-style-type: none"> <li>• Exploring setting</li> <li>• Exploring character</li> <li>• Clauses and full stops</li> <li>• Selecting relevant evidence</li> <li>• Writing a response</li> </ul> <p><i>Assessment:</i> Writing 3 paragraphs explaining reasons for enjoying favorite books/movies.</p>	
<p><b>23 – 27 December</b></p>		
<p><b>30 December – 3 January</b></p>		
<p><b>6 – 10 January</b></p>	<p>Unit 2 Danger</p> <p>Section 11 Writing your Response</p> <ul style="list-style-type: none"> <li>• Considering intention and gathering ideas</li> </ul> <p><i>Assessment:</i> Writing the opening of a story in which the narrator finds themselves in danger.</p>	
<p><b>13 – 17 January</b></p>	<p>Unit 2 Danger</p> <p>Section 11 Writing your Response</p> <ul style="list-style-type: none"> <li>• Proofreading</li> <li>• Tracking your intention as a writer</li> <li>• Tracking a reader’s response</li> </ul> <p><i>Assessment:</i> Writing two paragraphs explaining response to a story opening from previous lesson.</p>	

<p>January 22rd - 26th 20 - 24 January</p>	<p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 1 Creating an Impression</p> <ul style="list-style-type: none"> <li>• Thinking about Action</li> <li>• Inferring ideas</li> <li>• Connotations</li> <li>• Exploring impressions</li> </ul> <p><i>Assessment:</i> Writing the start of a story, creating impressions of two characters taking off from Earth in a spaceship</p> <p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 2 Exploring Intention and Structure</p> <ul style="list-style-type: none"> <li>• Inferring Ideas</li> <li>• Intention and response</li> <li>• Paragraphing</li> <li>• Structuring a text</li> </ul> <p><i>Assessment:</i> Write three to four paragraphs describing a journey through the universe</p>	
<p>27 – 31 January</p>	<p style="text-align: center;">Unit 3 Travels in Space</p> <p style="text-align: center;">Section 3 Selecting Verbs</p> <ul style="list-style-type: none"> <li>• Gathering information</li> <li>• Exploring verb choice</li> <li>• Adverbs</li> <li>• Descriptive verbs</li> </ul> <p><i>Assessment:</i> Writing interesting or dramatic verbs to describe given events such as movement, speech, sight, impact and flight</p>	
<p>3 – 7 February</p>	<p style="text-align: center;">Review Week - Final Exams 2023</p>	<p>Last Week of Classes</p>
<p>10 – 14 February</p>	<p style="text-align: center;">Final Exam Week 2023</p>	<p>Finals Week</p>



# Bangkok Christian College English Immersion Program

## Course Scope for English Social Studies Mathayom 1

Semester 2/2024-2025 Teacher Rick Diaz



Date	Contents	Comments/ Remarks
25 October	The Fundamental Economic Problem (1 day week)	
28 October – 1 November	The Fundamental Economic Problem	
4 - 8 November	Goods, Services, and Consumers	
11 - 15 November	Productivity and Economic Growth	
18 - 22 November	Economic Systems	
25 – 29 November	<b>***<u>Pearson Exams Week</u>***</b>	
2 – 6 December	Forms of Business Organization	
9 – 13 December	Supply & Demand	
16 – 20 December	Migration and Time	
23 – 27 December	<b>***<u>Christmas ceremonies, followed by the beginning of Christmas holiday on the 24<sup>th</sup></u>***</b>	
30 December – 3 January	<b>***<u>Christmas Holiday</u>***</b>	
6 – 10 January	The Neolithic Revolution	
13 – 17 January	River Valley Civilization - Mesopotamia	
20 - 24 January	River Valley Civilization - Ancient Egypt	
27 – 31 January	River Valley Civilization - Indus River Valley	
3 – 7 February	River Valley Civilization - Ancient China	
10 – 14 February	<b>***<u>Final Exams</u>***</b>	



# Bangkok Christian College English Immersion Program

## Course Scope for Science FE Matthayom 1

Semester 2/2024-2025 Teacher Ian Spellman



Date	Contents	Comments/ Remarks
25 October	Introductions, Classroom Expectations, Semester Roadmap. Grades will be based on participation in in-class activities and behavior	
28 October – 1 November	Further coverage of important info followed by beginning in-class activities	
4 - 8 November	In class activities + Microscopy Demonstration (plant cells)	
11 - 15 November	In class activities + Microscopy Demonstration (animal cells)	
18 - 22 November	In class activities + Microscopy Demonstration (sample collection)	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	In class activities + Microscopy Demonstration (slide preparation)	
9 – 13 December	In class activities + Fungal Plating sample collection	
16 – 20 December	In class activities + Flow Hood demonstration and sample preparation	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	In class activities + Fungal sample observation (dissection scope), colony isolation?	
13 – 17 January	In class activities + Four Fundamental Forces Lesson	
20 - 24 January	In class activities + Four Fundamental Forces Lesson (continued)	
27 – 31 January	In class activities + Electromagnetism demonstration – Tesla’s plasma globe	
3 – 7 February	In class activities + Geomagnetism, earthing demonstration (out of classroom)	
10 – 14 February	In class activities + Sound Resonance demonstration, “can sound heal?” – tuning forks	
17 - 21 February	***Final Exams***	



# Bangkok Christian College English Immersion Program

## Course Scope for English Social Studies Mathayom 1

Semester 2/2024-2025 Teacher Rick Diaz



Date	Contents	Comments/ Remarks
25 October	The Fundamental Economic Problem (1 day week)	
28 October – 1 November	The Fundamental Economic Problem	
4 - 8 November	Goods, Services, and Consumers	
11 - 15 November	Productivity and Economic Growth	
18 - 22 November	Economic Systems	
25 – 29 November	<b>***Pearson Exams Week***</b>	
2 – 6 December	Forms of Business Organization	
9 – 13 December	Supply & Demand	
16 – 20 December	Migration and Time	
23 – 27 December	<b>***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24<sup>th</sup>***</b>	
30 December – 3 January	<b>***Christmas Holiday***</b>	
6 – 10 January	The Neolithic Revolution	
13 – 17 January	River Valley Civilization - Mesopotamia	
20 - 24 January	River Valley Civilization - Ancient Egypt	
27 – 31 January	River Valley Civilization - Indus River Valley	
3 – 7 February	River Valley Civilization - Ancient China	
10 – 14 February	<b>***Final Exams***</b>	



# Bangkok Christian College English Immersion Program

## Course Scope for Design and Technology Matthayom 1

Semester 2/2024-2025 Teacher Dean Landucci



Date	Contents	Comments/ Remarks
25 October	Coding Fundamentals: Begin with the basic concepts of coding, such as understanding variables, data types, loops, and conditionals.	
28 October – 1 November	Learn Syntax and Structure: Explore <i>Tinkercad</i> block coding.	
4 - 8 November	Solving: Solving problems. Understanding of different code, blocks, color code and their relation to various actions.	
11 - 15 November	Build Projects: Hands-on experience. Encourage students to apply their coding skills by creating small projects.	
18 - 22 November	IGCSE ICT Workbook: Artificial Intelligence (AI) and Automation: Students learn how AI is being applied in various industries, including robotics, machine learning, and game environment development.	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Biometrics: The chapter covers biometric technologies, such as fingerprint and facial recognition, which are used for identity verification and security purposes.	
9 – 13 December	Virtual and Augmented Reality (VR/AR): Students explore the concepts of virtual reality (VR) and augmented reality (AR) and how they are transforming entertainment, education, and training by creating immersive environments and interactive experiences.	
16 – 20 December	Quantum Cryptography: Learners are introduced to quantum cryptography, a cutting-edge technology used for securing communications and data transmission.	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Robotics and Automation: Emerging technologies in robotics are automating tasks previously done by humans, such as manufacturing and delivery services. Students learn how robots and automation improve efficiency and productivity across industries.	
13 – 17 January	Understanding Desktop Publishing Software: Students learn to use desktop publishing (DTP) using BCC accounts in Canva to create a student portfolio	
20 - 24 January	Effective Use of Layout and Design Principles: To create visually appealing documents. Students learn principles such as contrast, repetition, alignment, and proximity to organize content effectively and enhance readability.	
27 – 31 January	Incorporating Images and Graphics: Students explore how to integrate images, graphics, and other multimedia elements into desktop publications.	
3 – 7 February	Typography and Font Selection: Learners understand the role of typography in desktop publishing.	
10 – 14 February	Exporting and Publishing: Finalize and export desktop publications into different formats, such as PDF for final project submission and grading.	
17 - 21 February	***Final Exams***	





# Bangkok Christian College English Immersion Program

## Course Scope for Science FE Matthayom 1

Semester 2/2024-2025 Teacher Ian Spellman



Date	Contents	Comments/ Remarks
25 October	Introductions, Classroom Expectations, Semester Roadmap. Grades will be based on participation in in-class activities and behavior	
28 October – 1 November	Further coverage of important info followed by beginning in-class activities	
4 - 8 November	In class activities + Microscopy Demonstration (plant cells)	
11 - 15 November	In class activities + Microscopy Demonstration (animal cells)	
18 - 22 November	In class activities + Microscopy Demonstration (sample collection)	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	In class activities + Microscopy Demonstration (slide preparation)	
9 – 13 December	In class activities + Fungal Plating sample collection	
16 – 20 December	In class activities + Flow Hood demonstration and sample preparation	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	In class activities + Fungal sample observation (dissection scope), colony isolation?	
13 – 17 January	In class activities + Four Fundamental Forces Lesson	
20 - 24 January	In class activities + Four Fundamental Forces Lesson (continued)	
27 – 31 January	In class activities + Electromagnetism demonstration – Tesla’s plasma globe	
3 – 7 February	In class activities + Geomagnetism, earthing demonstration (out of classroom)	
10 – 14 February	In class activities + Sound Resonance demonstration, “can sound heal?” – tuning forks	
17 - 21 February	***Final Exams***	



# Bangkok Christian College English Immersion Program

## Course Scope for Physical Education Matthayom 1

Semester 2/2024-2025 Teacher Ben Fishman



Date	Contents	Comments Remarks
25 October	Ice Breaker/What is a health goal?	School Starts
28 October – 1 November	Fitness Test <ul style="list-style-type: none"> <li>● Burpees</li> <li>● 40 yard dash</li> <li>● Max jump height</li> </ul>	
4 - 8 November	Health Research 101/Beginning of health myth research project	Students will investigate and debunk an online fitness myth
11 - 15 November	Football <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
18 - 22 November	Basketball <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Types of exercise <ul style="list-style-type: none"> <li>● Hypertrophy explained</li> <li>● Cardio, and why it's the worst but also the best</li> <li>● Weight Training, and why you shouldn't be lifting that much</li> </ul>	
9 – 13 December	American Football <ul style="list-style-type: none"> <li>● Rules &amp; Strategies</li> <li>● 7 on 7 games</li> </ul>	Research Proposals Due
16 – 20 December	Capture the Flag	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 <sup>th</sup> ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Nutrition 101 <ul style="list-style-type: none"> <li>● Calculating Caloric Maintenance</li> <li>● Safe Weight loss/gain</li> <li>● “Gaintaing” and why it literally never works except for you</li> </ul>	
13 – 17 January	Research Project Presentations	Research Projects Due
20 - 24 January	Research Project Presentations (if needed) <ul style="list-style-type: none"> <li>● If not, sport of choice</li> </ul>	
27 – 31 January	Re-do Fitness Test <ul style="list-style-type: none"> <li>● Burpees</li> <li>● 40 yard dash</li> <li>● Max jump height</li> </ul>	Results will be compared to the beginning of the semester
3 – 7 February	Football 2.0 <ul style="list-style-type: none"> <li>● Handling Drills</li> <li>● Defensive Drills</li> <li>● Live Games</li> </ul>	
10 – 14 February	End of Unit Assessments	
17 - 21 February	***Final Exams***	