Bangkok Christian College English Immersion Program

Course Scope for Mathematics Matthayom 3

Semester 2/2024-2025   Teacher Douglas Dake

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.	Chapter 6: Exponential and Logarithmic Functions
	    6-1 Graphing Exponential Functions,
	    6-2 Solving Exponential Equations and Inequalities
	    6-3 Geometric Sequences and Series	

4 – 8 Nov.	Chapter 6: Exponential and Logarithmic Functions
	    6-4 Logarithms and Logarithmic Functions
	    6-5 Modeling Data
	    Basic – Quiz 6	

11 - 15 Nov.	Chapter 6: Exponential and Logarithmic Functions
	    6-6 Properties of Algorithms
	    6-7 Common Algorithms
	    6-8 Natural Algorithms	

18 - 22 Nov.	Chapter 6: Exponential and Logarithmic Functions
	    6-9 Solving Logarithmic Equations and Inequalities
	    6-10 Using Exponential and Logarithmic Functions
	    Additional – Quiz 6	

25 – 29 Nov.	Chapter 7: Rational Functions
	    7-1 Multiplying and Dividing Rational Expressions
	    7-2 Adding and Subtracting Rational Expressions
	    7-3 Graphing Reciprocal Functions
	    Basic – Quiz 7	

2 - 6 Dec.	Chapter 7: Rational Functions
	    7-4 Graphing Rational Functions
	    7-5 Variation Functions
	    7-6 Solving Rational Equations and Inequalities
	    Additional – Quiz 7
		5 Dec. – Rama IX Birthday

9 - 13 Dec.	Chapter 8: Statistics and Probability
	    8-1 Random Sampling
	    8-2 Using Statistical Experiments
	    8-3 Population Parameters
	    Quiz – Basic 7
		10 Dec. – Constitution Day

16 - 20 Dec.	Chapter 8: Statistics and Probability
	    8-4 Distribution of Data
	    8-5 Evaluating Published Data
	    8-6 The Normal Distribution
	    8-7 Use Probability to Make Decisions
	    Additional – Quiz 8	

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.	Chapter 9: Trigonometric Functions
	    9-1 Trigonometric Functions in Right Triangles
	    9-2 Angles and Angle Measurement
	    9-3 Trigonometric Functions of General Angles	

13 - 17 Jan.	Chapter 9: Trigonometric Functions
	    9-4 Circular and Periodic Functions
	    9-5 Graphing Trigonometric Functions
		16 Jan. – Teacher's Day

20 - 24 Jan.	Chapter 9: Trigonometric Functions
	    9-6 Translations of Trigonometric Graphs
	    Basic – Quiz 9	

27 – 31 Jan.	Chapter 10: Trigonometric Identities and Equations
	    10-1 Trigonometric Identities
	    10-2 Verifying Trigonometric Identities
	    10-3 Sum and Difference Identities	

3 - 7 Feb.	Chapter 10: Trigonometric Identities and Equations
	    10-4 Double-Angle and Half-Angle Identities
	    10-5 Solving Trigonometric Equations
	    Additional – Quiz 9	

10 - 14 Feb.	Review for Final Exams	12 Feb – Makha Bucha
17 - 21 Feb.	**Final Exam Week**	

Bangkok Christian College English Immersion Program

Course Scope for M3 Science

Semester 2/2024-2025 Teacher Declan Lightowler

Date	Contents	Comments/ Remarks
25 October	Introduction to Chemistry	
28 October – 1 November	The Periodic Table of Elements	
4 - 8 November	Atomic Structure	
11 - 15 November	Word and Chemical Equations: Calculate Relative Mass	
18 - 22 November	Test: Chemistry Calculations	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Ionic Bonding	
9 – 13 December	Covalent Bonding	
16 – 20 December	Test: Atomic Structure *and* Dot & Cross Diagrams	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Atoms, Ions, & Isotopes	
13 – 17 January	Radioactive Decay	
20 - 24 January	Alpha, Beta, & Gamma Radiation	
27 – 31 January	Nuclear Fission	
3 – 7 February	Group Presentation Project (Physics)	
10 – 14 February	Chemistry & Physics Review Test	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Fundamentals of English Matthayom 3

Semester 2/2024-2025 Teacher Mark Hartman

Date	Contents	Comments/ Remarks
25 October	Pep Talk and Course/Rules Introduction	
28 October – 1 November	Articles and Pluralization of Nouns: *Articles are used to modify a noun and used to point out or refer to nouns. Pluralizing nouns has various rules. The most common method is to add s to a noun, but irregular nouns require changes in spelling.*	
4 - 8 November	Pronoun/Antecedent Agreement and Verbals: *Nouns and pronouns should agree in number and gender. For infinitives, verbs should be in base form. If preceded by the verb "be," verbs should be in the past participle form.*	
11 - 15 November	Verb Tenses: *Verbs should be appropriately used to denote correct time.*	Sports Day 11-14
18 - 22 November	Verb Tenses: *Verbs should be appropriately used to denote correct time.*	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Subject/Verb Agreement and Modifiers: *If the subject is singular, the verb should be singular. If the subject is plural, the verb should be plural. Adjectives describe or modify nouns or pronouns, while adverbs describe or modify verbs, adjectives, or another adverb.*	
9 – 13 December	Prepositions and Transitional Words: *In denoting time, "in" is the appropriate preposition if referring to general or non-specific time. For example, "We can use this skill in the near future." "Finally" is used for concluding statements, and nowhere else.*	
16 – 20 December	Punctuation and Capitalization: *A comma (,) is only used for compound/complex sentences, and in enumerating items. Proper nouns should be capitalized, as should the first word of every sentence.*	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Sentence Construction: *Every sentence must follow the sentence patterns, such as SVO (Subject-Verb-Object).*	
13 – 17 January	Sentence Construction: *Every sentence must follow the sentence patterns, such as SVO (Subject-Verb-Object).*	
20 - 24 January	Diction: *You must use words appropriately in order to express meanings clearly.*	
27 – 31 January	Redundancy: *Unnecessary words should be deleted and check your work for repetition.*	
3 – 7 February	Final Exam Preparation	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Mathematics Matthayom 3

Semester 2/2024-2025   Teacher Douglas Dake

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.	Chapter 6: Exponential and Logarithmic Functions 6-1 Graphing Exponential Functions, 6-2 Solving Exponential Equations and Inequalities 6-3 Geometric Sequences and Series	
4 – 8 Nov.	Chapter 6: Exponential and Logarithmic Functions 6-4 Logarithms and Logarithmic Functions 6-5 Modeling Data Basic – Quiz 6	
11 - 15 Nov.	Chapter 6: Exponential and Logarithmic Functions 6-6 Properties of Algorithms 6-7 Common Algorithms 6-8 Natural Algorithms	
18 - 22 Nov.	Chapter 6: Exponential and Logarithmic Functions 6-9 Solving Logarithmic Equations and Inequalities 6-10 Using Exponential and Logarithmic Functions Additional – Quiz 6	
25 – 29 Nov.	Chapter 7: Rational Functions 7-1 Multiplying and Dividing Rational Expressions 7-2 Adding and Subtracting Rational Expressions 7-3 Graphing Reciprocal Functions Basic – Quiz 7	
2 - 6 Dec.	Chapter 7: Rational Functions 7-4 Graphing Rational Functions 7-5 Variation Functions 7-6 Solving Rational Equations and Inequalities Additional – Quiz 7	5 Dec. – Rama IX Birthday
9 - 13 Dec.	Chapter 8: Statistics and Probability 8-1 Random Sampling 8-2 Using Statistical Experiments 8-3 Population Parameters Quiz – Basic 7	10 Dec. – Constitution Day
16 - 20 Dec.	Chapter 8: Statistics and Probability 8-4 Distribution of Data 8-5 Evaluating Published Data 8-6 The Normal Distribution 8-7 Use Probability to Make Decisions Additional – Quiz 8	
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.	Chapter 9: Trigonometric Functions 9-1 Trigonometric Functions in Right Triangles 9-2 Angles and Angle Measurement 9-3 Trigonometric Functions of General Angles	
13 - 17 Jan.	Chapter 9: Trigonometric Functions 9-4 Circular and Periodic Functions 9-5 Graphing Trigonometric Functions	16 Jan. – Teacher's Day
20 - 24 Jan.	Chapter 9: Trigonometric Functions 9-6 Translations of Trigonometric Graphs Basic – Quiz 9	
27 – 31 Jan.	Chapter 10: Trigonometric Identities and Equations 10-1 Trigonometric Identities 10-2 Verifying Trigonometric Identities 10-3 Sum and Difference Identities	
3 - 7 Feb.	Chapter 10: Trigonometric Identities and Equations 10-4 Double-Angle and Half-Angle Identities 10-5 Solving Trigonometric Equations Additional – Quiz 9	
10 - 14 Feb.	Review for Final Exams	12 Feb – Makha Bucha
17 - 21 Feb.	**Final Exam Week**	

Bangkok Christian College English Immersion Program

Course Scope for M3 Science

Semester 2/2024-2025 Teacher Declan Lightowler

Date	Contents	Comments/ Remarks
25 October	Introduction to Chemistry	
28 October – 1 November	The Periodic Table of Elements	
4 - 8 November	Atomic Structure	
11 - 15 November	Word and Chemical Equations: Calculate Relative Mass	
18 - 22 November	Test: Chemistry Calculations	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Ionic Bonding	
9 – 13 December	Covalent Bonding	
16 – 20 December	Test: Atomic Structure *and* Dot & Cross Diagrams	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Atoms, Ions, & Isotopes	
13 – 17 January	Radioactive Decay	
20 - 24 January	Alpha, Beta, & Gamma Radiation	
27 – 31 January	Nuclear Fission	
3 – 7 February	Group Presentation Project (Physics)	
10 – 14 February	Chemistry & Physics Review Test	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Design and Technology Matthayom 3

Semester 2/2024-2025 Teacher Dean Landucci

Date	Contents	Comments/ Remarks
25 October	Defining the Business Concept: Students learn to clearly articulate their business idea, startup adventure coffee shop / bakery. They focus on explaining the unique value proposition and how their concept stands out in the current market.	
28 October – 1 November	Identifying Target Audience Demographics: Learners explore how to identify key characteristics of their target audience, such as age, gender, income level, education, and location.	
4 - 8 November	Tailoring the Marketing Message: Students explore how to craft a marketing message that speaks directly to the target audience's desires and needs. Students will start writing a business pitch.	
11 - 15 November	Understanding Brand Identity: Students learn how to define a brand's core values, mission, and personality. This identity helps shape the visual and emotional aspects of the logo, ensuring it represents their business concept effectively to the target audience.	
18 - 22 November	Color Psychology and Typography: Students study the significance of color and typography in logo design. They learn how different colors evoke specific emotions and how font styles contribute to the overall tone of the brand, making these elements crucial for conveying the right message.	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Logo and brand identity relevance to the Target Audience: Students will us AI technology to tailor make logos to resonate with the target audience. They learn how to use of specific prompts and understand learning models to create a design, that ensure the logo aligns with the brand's purpose and customer expectations.	
9 – 13 December	Keeping track of various operational processes for a small business using a simplified Excel business plan. Researching expenditures to predict potential profit and conducting data analysis for one month of operations for clarity and simplicity.	
16 – 20 December		
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	eBook design development. Structuring Content for Readability: Students will learn how to organize text, headings, and sections to create a logical flow for the eBook. They will focus on making the content easy to navigate, using clear headings, subheadings, and concise paragraphs to enhance readability.	
13 – 17 January	Incorporating Visual Elements: Learners will explore the use of images, infographics, and illustrations to make the eBook visually engaging. They will also understand the importance of balancing visuals with text, ensuring that graphics complement rather than overwhelm the content.	
20 - 24 January	Designing a Consistent Layout: Students will discover how to maintain consistency in layout and formatting throughout the eBook. This includes setting a uniform style for fonts, colors, margins, and spacing to create a professional and cohesive design.	
27 – 31 January	Exporting and formatting the eBook: Students will gain practical experience in exporting their eBooks in various formats (e.g., PDF, EPUB) while maintaining design integrity. They will also learn to ensure compatibility across different devices, such as computers, tablets, and e-readers.	
3 – 7 February	Standard Business Pitch Presentation: Students will present their eBook featuring their small business concept. They will also participate in a Q&A session to strengthen their concepts and identify any sections that may not be viable.	
10 – 14 February	Class Project Review: Development time for students to submit any outstanding class assignments. The final exam will be based on Cambridge M1, M2 IGCSE ICT worksheets.	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Physical Education Matthayom 3

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 ● Burpees ● 40 yard dash ● Max jump height	
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 ● Handling Drills ● Defensive Drills ● Live Games	
18 - 22 November	Basketball ● Handling Drills ● Defensive Drills ● Live Games	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Types of exercise ● Hypertrophy explained ● Cardio, and why it's the worst but also the best ● Weight Training, and why you shouldn't be lifting that much	
9 – 13 December	American Football ● Rules & Strategies ● 7 on 7 games	Research Proposals Due
16 – 20 December	Capture the Flag	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Nutrition 101 ● Calculating Caloric Maintenance ● Safe Weight loss/gain ● "Gaintaing" and why it literally never works except for you	
13 – 17 January	Research Project Presentations	Research Projects Due
20 - 24 January	Research Project Presentations (if needed) ● If not, sport of choice	
27 – 31 January	Re-do Fitness Test ● Burpees ● 40 yard dash ● Max jump height	Results will be compared to the beginning of the semester
3 – 7 February	Football 2.0 ● Handling Drills ● Defensive Drills ● Live Games	
10 – 14 February	End of Unit Assessments	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Fundamentals of English Matthayom 3

Semester 2/2024-2025 Teacher Mark Hartman

Date	Contents	Comments/ Remarks
25 October	Pep Talk and Course/Rules Introduction	
28 October – 1 November	Articles and Pluralization of Nouns: *Articles are used to modify a noun and used to point out or refer to nouns. Pluralizing nouns has various rules. The most common method is to add s to a noun, but irregular nouns require changes in spelling.*	
4 - 8 November	Pronoun/Antecedent Agreement and Verbals: *Nouns and pronouns should agree in number and gender. For infinitives, verbs should be in base form. If preceded by the verb "be," verbs should be in the past participle form.*	
11 - 15 November	Verb Tenses: *Verbs should be appropriately used to denote correct time.*	Sports Day 11-14
18 - 22 November	Verb Tenses: *Verbs should be appropriately used to denote correct time.*	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Subject/Verb Agreement and Modifiers: *If the subject is singular, the verb should be singular. If the subject is plural, the verb should be plural. Adjectives describe or modify nouns or pronouns, while adverbs describe or modify verbs, adjectives, or another adverb.*	
9 – 13 December	Prepositions and Transitional Words: *In denoting time, "in" is the appropriate preposition if referring to general or non-specific time. For example, "We can use this skill in the near future." "Finally" is used for concluding statements, and nowhere else.*	
16 – 20 December	Punctuation and Capitalization: *A comma (,) is only used for compound/complex sentences, and in enumerating items. Proper nouns should be capitalized, as should the first word of every sentence.*	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Sentence Construction: *Every sentence must follow the sentence patterns, such as SVO (Subject-Verb-Object).*	
13 – 17 January	Sentence Construction: *Every sentence must follow the sentence patterns, such as SVO (Subject-Verb-Object).*	
20 - 24 January	Diction: *You must use words appropriately in order to express meanings clearly.*	
27 – 31 January	Redundancy: *Unnecessary words should be deleted and check your work for repetition.*	
3 – 7 February	Final Exam Preparation	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Our Daily Life Matthayom 3

Semester 2/2024-2025 Teacher Mark Hartman

Date	Contents	Comments/ Remarks
25 October	Pep Talk and Course/Rules Introduction	
28 October – 1 November	Inferences, Advice and Reassurance: *Student Workbook pp50-51*	
4 - 8 November	Emotive Vocabulary: *Student Workbook pp72-73*	
11 - 15 November	Reviewing and Revising: *Student Workbook pp80-81*	Sports Day 11-14
18 - 22 November	Restructuring Sentences: *Student Workbook pp112-113*	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Selecting Information: *Student Workbook pp130-131*	
9 – 13 December	Building Paragraphs: *Student Workbook pp142-143*	
16 – 20 December	Using Language for Influence: *Student Workbook pp210-211*	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Sentence Construction: *Student Workbook pp192-195*	
13 – 17 January	Sentence Construction: *Student Workbook pp192-195*	
20 - 24 January	Improving Your Writing	
27 – 31 January	Improving Your Writing	
3 – 7 February	Final Exam Preparation	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Mathayom 3 Social Studies

Semester 2/2024-2025 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
25 October	Physical Features of South America	
28 October – 1 November	Waterways and Canals Pollution of the Amazon River	
4 - 8 November	The Eerie Canals and its economic significance	
11 - 15 November	Waterways and Natural Features	
18 - 22 November	Climate and Vegetation	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Hurricanes and their features	
9 – 13 December	Hurricane Katrina	
16 – 20 December	Hurricane Katrina and its causes	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Hurricane Katrina and its lessons	
13 – 17 January	Climate of South America	
20 - 24 January	Construction of the Panama Canal	
27 – 31 January	Significance of the Panama Canal	
3 – 7 February	The potential of the Kra Canal	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Science FE Matthayom 3

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 24th***	
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 FE Experience Enrichment in Science Matthayom 3

Semester 2/2024-2025 Teacher Rick Reinders

Date	Contents	Comments/ Remarks
25 October	Unit 1: Meaningful Picture Analysis in Biology Introduction to Biological Imagery Picture Selection Analysis and Discussion Group Sharing	
28 October – 1 November	Unit 2: Documentary on Jungles Jungle Ecosystems Overview Documentary Viewing Discussion and Reflection	
4 - 8 November	Unit 3: Organ Identification Practical Introduction to Organ Systems Practical Session Analysis and Reporting	
11 - 15 November	Practical Session Analysis and Reporting	
18 - 22 November	Unit 4: Microscope Practical Introduction to Microscopy Practical Activity Observation and Sketching	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Practical Activity Observation and Sketching	
9 – 13 December	Unit 5: General Knowledge Test on Biology Review Session	
16 – 20 December	Knowledge Test Test Reflection	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Unit 6: Student Presentations Topic Selection	
13 – 17 January	Research and Preparation	
20 - 24 January	Research and Preparation	
27 – 31 January	Presentation Peer and Instructor Feedback	
3 – 7 February	Presentation Peer and Instructor Feedback	
10 – 14 February	In class Final Exam	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Mathayom 3 Social Studies

Semester 2/2024-2025 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
25 October	Physical Features of South America	
28 October – 1 November	Waterways and Canals Pollution of the Amazon River	
4 - 8 November	The Eerie Canals and its economic significance	
11 - 15 November	Waterways and Natural Features	
18 - 22 November	Climate and Vegetation	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Hurricanes and their features	
9 – 13 December	Hurricane Katrina	
16 – 20 December	Hurricane Katrina and its causes	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Hurricane Katrina and its lessons	
13 – 17 January	Climate of South America	
20 - 24 January	Construction of the Panama Canal	
27 – 31 January	Significance of the Panama Canal	
3 – 7 February	The potential of the Kra Canal	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Design and Technology Matthayom 3

Semester 2/2024-2025 Teacher Dean Landucci

Date	Contents	Comments/ Remarks
25 October	Defining the Business Concept: Students learn to clearly articulate their business idea, startup adventure coffee shop / bakery. They focus on explaining the unique value proposition and how their concept stands out in the current market.	
28 October – 1 November	Identifying Target Audience Demographics: Learners explore how to identify key characteristics of their target audience, such as age, gender, income level, education, and location.	
4 - 8 November	Tailoring the Marketing Message: Students explore how to craft a marketing message that speaks directly to the target audience's desires and needs. Students will start writing a business pitch.	
11 - 15 November	Understanding Brand Identity: Students learn how to define a brand's core values, mission, and personality. This identity helps shape the visual and emotional aspects of the logo, ensuring it represents their business concept effectively to the target audience.	
18 - 22 November	Color Psychology and Typography: Students study the significance of color and typography in logo design. They learn how different colors evoke specific emotions and how font styles contribute to the overall tone of the brand, making these elements crucial for conveying the right message.	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Logo and brand identity relevance to the Target Audience: Students will us AI technology to tailor make logos to resonate with the target audience. They learn how to use of specific prompts and understand learning models to create a design, that ensure the logo aligns with the brand's purpose and customer expectations.	
9 – 13 December	Keeping track of various operational processes for a small business using a simplified Excel business plan. Researching expenditures to predict potential profit and conducting data analysis for one month of operations for clarity and simplicity.	
16 – 20 December		
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	eBook design development. Structuring Content for Readability: Students will learn how to organize text, headings, and sections to create a logical flow for the eBook. They will focus on making the content easy to navigate, using clear headings, subheadings, and concise paragraphs to enhance readability.	
13 – 17 January	Incorporating Visual Elements: Learners will explore the use of images, infographics, and illustrations to make the eBook visually engaging. They will also understand the importance of balancing visuals with text, ensuring that graphics complement rather than overwhelm the content.	
20 - 24 January	Designing a Consistent Layout: Students will discover how to maintain consistency in layout and formatting throughout the eBook. This includes setting a uniform style for fonts, colors, margins, and spacing to create a professional and cohesive design.	
27 – 31 January	Exporting and formatting the eBook: Students will gain practical experience in exporting their eBooks in various formats (e.g., PDF, EPUB) while maintaining design integrity. They will also learn to ensure compatibility across different devices, such as computers, tablets, and e-readers.	
3 – 7 February	Standard Business Pitch Presentation: Students will present their eBook featuring their small business concept. They will also participate in a Q&A session to strengthen their concepts and identify any sections that may not be viable.	
10 – 14 February	Class Project Review: Development time for students to submit any outstanding class assignments. The final exam will be based on Cambridge M1, M2 IGCSE ICT worksheets.	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Our Daily Life Matthayom 3

Semester 2/2024-2025 Teacher Mark Hartman

Date	Contents	Comments/ Remarks
25 October	Pep Talk and Course/Rules Introduction	
28 October – 1 November	Inferences, Advice and Reassurance: *Student Workbook pp50-51*	
4 - 8 November	Emotive Vocabulary: *Student Workbook pp72-73*	
11 - 15 November	Reviewing and Revising: *Student Workbook pp80-81*	Sports Day 11-14
18 - 22 November	Restructuring Sentences: *Student Workbook pp112-113*	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Selecting Information: *Student Workbook pp130-131*	
9 – 13 December	Building Paragraphs: *Student Workbook pp142-143*	
16 – 20 December	Using Language for Influence: *Student Workbook pp210-211*	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Sentence Construction: *Student Workbook pp192-195*	
13 – 17 January	Sentence Construction: *Student Workbook pp192-195*	
20 - 24 January	Improving Your Writing	
27 – 31 January	Improving Your Writing	
3 – 7 February	Final Exam Preparation	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for FE Experience Enrichment in Science Matthayom 3

Semester 2/2024-2025 Teacher Rick Reinders

Date	Contents	Comments/ Remarks
25 October	Unit 1: Meaningful Picture Analysis in Biology Introduction to Biological Imagery Picture Selection Analysis and Discussion Group Sharing	
28 October – 1 November	Unit 2: Documentary on Jungles Jungle Ecosystems Overview Documentary Viewing Discussion and Reflection	
4 - 8 November	Unit 3: Organ Identification Practical Introduction to Organ Systems Practical Session Analysis and Reporting	
11 - 15 November	Practical Session Analysis and Reporting	
18 - 22 November	Unit 4: Microscope Practical Introduction to Microscopy Practical Activity Observation and Sketching	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Practical Activity Observation and Sketching	
9 – 13 December	Unit 5: General Knowledge Test on Biology Review Session	
16 – 20 December	Knowledge Test Test Reflection	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Unit 6: Student Presentations Topic Selection	
13 – 17 January	Research and Preparation	
20 - 24 January	Research and Preparation	
27 – 31 January	Presentation Peer and Instructor Feedback	
3 – 7 February	Presentation Peer and Instructor Feedback	
10 – 14 February	In class Final Exam	
17 - 21 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Science FE Matthayom 3

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 24th***	
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 3

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 ● Burpees ● 40 yard dash ● Max jump height	
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 ● Handling Drills ● Defensive Drills ● Live Games	
18 - 22 November	Basketball ● Handling Drills ● Defensive Drills ● Live Games	
25 – 29 November	***Pearson Exams Week***	
2 – 6 December	Types of exercise ● Hypertrophy explained ● Cardio, and why it's the worst but also the best ● Weight Training, and why you shouldn't be lifting that much	
9 – 13 December	American Football ● Rules & Strategies ● 7 on 7 games	Research Proposals Due
16 – 20 December	Capture the Flag	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	Nutrition 101 ● Calculating Caloric Maintenance ● Safe Weight loss/gain ● "Gaintaing" and why it literally never works except for you	
13 – 17 January	Research Project Presentations	Research Projects Due
20 - 24 January	Research Project Presentations (if needed) ● If not, sport of choice	
27 – 31 January	Re-do Fitness Test ● Burpees ● 40 yard dash ● Max jump height	Results will be compared to the beginning of the semester
3 – 7 February	Football 2.0 ● Handling Drills ● Defensive Drills ● Live Games	
10 – 14 February	End of Unit Assessments	
17 - 21 February	***Final Exams***	