

Bangkok Christian College English Immersion Program
Course Scope for English for Literature Studies Mathayom 6
Semester 2/2025-2026 Teacher Djurdje Spasojevic

Date	Contents	Comments/ Remarks
20 -24 October	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
27 October – 31 October	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
3 - 7 November	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
10 - 14 November	Graduation Speech Writing	
17 - 21 November	Graduation Speech Writing	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	“The Deep” Determine themes in a story and analyze the role of setting	
8 – 12 December	“The Deep” Determine themes in a story and analyze the role of setting	
15 – 19 December	“The Deep” Determine themes in a story and analyze the role of setting	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
12 – 16 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
19 - 23 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
26 – 30 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
2 – 6 February	End of Text Performance Tasks/ Language & Style Argument Writing Activity OR End of Collection Performance Tasks Present a Speech	
9 – 13 February	End of Text Performance Tasks/ Language & Style Argument Writing Activity OR End of Collection Performance Tasks Present a Speech	
16 -20 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for News Reading Mathayom 6
Semester 2/2025-2026 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
20 -24 October	Analysis of the English Media and the student's awareness of the outlets and content.	
27 October – 31 October	Analysis of English Media Outlets	
3 - 7 November	Analysis of English Media Outlets	
10 - 14 November	Analysis of English Media Outlets	
17 - 21 November	Introduction and execution of class presentation project	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Students work of class presentation project	
8 – 12 December	Students work of class presentation project	
15 – 19 December	Student presentations	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	News story introduction and vocabulary analysis	
12 – 16 January	News story question and analysis	
19 - 23 January	News story introduction and vocabulary analysis	
26 – 30 January	News story question and analysis	
2 – 6 February	News story introduction and vocabulary analysis and news story question and analysis	
9 – 13 February	In class Final Exam preparation and execution	
16 -20 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Current World Events 2 Mathayom 6
Semester 2/2025-2026 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
20 -24 October	Definitions and use of Justice	
27 October – 31 October	Use of Justice	
3 - 7 November	Use of Justice	
10 - 14 November	Understanding of Human Rights	
17 - 21 November	Understanding of Human Rights	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Understanding of Human Rights	
8 – 12 December	Analysis of the situation in Syria and its origins	
15 – 19 December	Introduction of the concepts of empathy and sympathy	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
12 – 16 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
19 - 23 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
26 – 30 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
2 – 6 February	Test on positions and review	
9 – 13 February	Revision	
16 -20 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Composition & Rhetoric Mathayom 6
Semester 2/2025-2026 Teacher Rick Diaz

Date	Contents	Comments/ Remarks
20 -24 October	Persuasive Writing: Persuasive Essay Outline	
27 October – 31 October	Persuasive Writing: The Persuasive Essay	
3 - 7 November	Informational Writing: Writing Instructions	
10 - 14 November	Informational Writing: Business Emails	
17 - 21 November	Interview Preparation	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Interview Preparation: Video Interview Portfolio	
8 – 12 December	Introduction to Figurative Language	
15 – 19 December	Figurative Language: Similes	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Figurative Language: Metaphors	
12 – 16 January	Figurative Language: Personification	
19 - 23 January	Figurative Language: Hyperbole	
26 – 30 January	Figurative Language: Oxymorons	
2 – 6 February	In Class Final Exams	
9 – 13 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Mathematics for Engineers/ Business M611, M612 and M613
Semester 2/2025-2026 Teacher Vincent Ellison

Date	Contents	Comments/ Remarks
24 – 28 Oct.	Statistics Students can draw interpret scatter graphs. They can decide if there is a relationship between variables. Use and interpret linear regression. Students can calculate least squares linear regression. They can calculate and interpret the product moment correlation coefficient. Students can use coding to simplify calculation of the linear regression and the product moment correlation coefficient. Statistics book 1 chapter 5	24 Oct – Chulalongkorn Day
31 Oct. - 4 Nov.	Statistics Students can understand what discrete random variables are and how they arise. They can find the cumulative distribution function for a discrete random variable. Students find the expected value of a discrete random variable. They find the expected value and variance of a function x . Students solve problems involving random variables. They use discrete uniform distribution as a model for the probability distribution of the outcomes of certain experiments. Statistics book 1 chapter 6	
7 - 11 Nov.	Statistics Students understand the normal distribution curve and its characteristics They use tables to find the probabilities of the standard normal distribution Z . Students use the tables to find the z given a probability. They understand the standard normal distribution and calculate μ and σ . Statistics book 1 chapter 7.	
14 - 18 Nov.	Statistics Students understand the Binomial distribution as a model and comment on appropriateness. They calculate individual probabilities for the binomial distribution. Students calculate cumulative probabilities for the binomial distribution. They understand and use the mean and variance of the binomial distribution. Statistics book 2 chapter 1	
21 – 25 Nov.	Statistics Students use the Poisson distribution to model real – world situations. They use the additive property of the Poisson distribution. Students understand and use the mean and variance of the Poisson distribution. Statistics book 2 chapter 2	

28 Nov. – 2 Dec	Algebraic methods Students complete Algebraic operations with Algebraic fractions. They use improper fractions. Pure Maths Book 3 chapter 1.	
5 – 9 Dec.	Functions and graphs. Students use the modulus function. They complete functions and graphs. Students use composite functions. They use inverse functions. Students use the following $y = f(x) $ AND $y = f(x)$ COMBINING TRANSFORMATIONS SOLVING MODULUS PROBLEMS Pure Maths book 3 chapter 2	5 Dec – King Bhumibol Birthday
12 – 16 Dec.	Trigonometric functions Students understand Secant, Cosecant and Cotangent. They produce graphs using sec x, cosec x and cot x. Students using sec x , cosec x and cot x. They recognize trigonometric identities Students use inverse trigonometric functions. Pure maths book 3 chapter 3	12 Dec – Constitution Day
19 – 23 Dec.	Trigonometric addition formulae Students use the Addition formulae They can also apply the addition angle formulae Students use the double – angle formulae They solve Trigonometric equations Simplifying $a \cos x \pm b \sin x$ Proving trigonometric identities. Pure maths book 3 chapter 4	23 Dec – Class Christmas Parties
26 – 30 Dec.	Statistics Students use the Poisson distribution as an approximation to the binomial distribution. They approximate a binomial distribution using a normal distribution. Students approximate a Poisson distribution using a normal distribution They select appropriate distributions and solve real- life problems. Statistics book 2 chapter 3	26 – 30 Dec. Christmas Holiday
2 – 6 Jan.	Statistics Students understand and use probability density function for a continuous random variable. They understand and use cumulative distribution function for a continuous random variable. Students find the mean, variance, mode, median and percentiles of a continuous random variable. Statistics book 2 chapter 4	2 Jan – New Year Observed
9 – 13 Jan.		
16 – 20 Jan.	Statistics Students understand, use and model situations using the continuous uniform distribution. Statistics book 2 chapter 5	16 Jan – Teacher's Day

	Review chapters 1, 2, 3 and 4	
23 – 27 Jan.	Statistics Students understand the terms population, sample and census and comment on the advantages and disadvantages of each. They understand what a statistic is. Students find the sample distribution of a sample statistic. Statistics book 2 chapter 6	
30 Jan – 3 Feb.	Statistics Understand the language and concept of hypothesis testing Understand that a sample is used to make an inference about a population. Find critical values of a binomial distribution using tables. Statistics book 2 chapter 7	
6 – 10 Feb.	Statistics Carry out one – tailed and two-tailed tests for proportion of the binomial distribution and interpret the results. Carry out one-tailed and two-tailed tests for the rate of the Poisson distribution and interpret results. Carry out one-tailed and two-tailed tests using an approximation, when appropriate. Statistics book 2 chapter 7	
13 – 17 Feb.	Revision for final exams.	
20 – 24 Feb.		20 – 23 Feb. Final Exams

Bangkok Christian College English Immersion Program
Course Scope for Mathematics for Business M614
Semester 2/2025-2026 Teacher Vincent Ellison

Date	Contents	Comments/ Remarks
24 – 28 Oct.	Statistics. Mean, Mode, Median and Range Students will learn the four definitions. They will use the four definitions in various situations. Discuss and decide which average best suits the required situation. Make sure they are familiar with Ascending and Descending terminology when finding the Median. Compare two sets of data	24 Oct – Chulalongkorn Day
31 Oct. – 4 Nov.	Statistics-Find averages from Frequency tables Students will find averages from Frequency tables. They will know they have to add a third column and work it out and then divide it by the second column to calculate the mean. They will use an Algebraic formula to calculate the Median.	
7 – 11 Nov.	Statistics-Grouped frequency tables. Students will know grouped frequency tables group together the data into classes. Student's will use inequality symbols to cover all possible values. They will find MID-INTERVAL VALUES, by adding together the end values and dividing by 2. They'll understand estimating the mean by adding a third column and enter the mid-interval value for each class. Add a 4 th column to show frequency times mid-interval value for each class. Also Modal class and the class containing the Median	
14 – 18 Nov.	Statistics-Box plots Students will understand that Box Plots show the spread of data. They will recognize the quartiles and Interquartile range and the terminology that's required. Students will draw Box plots from data given and compare two sets of data. They will decide which quartile to use to give the most accurate result. Also, what affect does outliers have on the data.	
21 – 25 Nov.	Statistics-Cumulative Frequency diagrams. Students will know cumulative frequency just means adding it up as you go along. The students will draw cumulative frequency graphs by plotting points using the highest value in each class and the Cumulative frequency. They will use the quartiles to find values from the smooth curve they have plotted.	
28 Nov. – 2 Dec	Statistics-Scatter diagrams Students will identify that a scatter graph tells how closely two things are related, which is called Correlation. They will plot graphs and recognize, Positive, Negative and no correlation and analyse their graphs. They will use the line of best fit to make estimates. Students will also recognize outliers and how they affect the pattern.	
5 – 9 Dec.	Statistics-Pie Charts Students will know a pie chart is a circular graph used to show how a whole is divided into different parts. Each slice of the “pie” represents a category, and the size of each slice is proportional to the percentage or fraction that category contributes to the total. Students will Collect Data: Determine the total and the value for each category. ☐ Calculate Percentages: $(\text{Category Value} \div \text{Total}) \times 100$. ☐ Find Angles (if drawing manually): $(\text{Category Value} \div \text{Total}) \times 360^\circ$. ☐ Draw the Circle: Use a protractor to mark angles.	5 Dec – King Bhumibol Birthday

12 – 16 Dec.	Algebra-Direct and Inverse proportion. Students will know when: Two quantities, A and B, are in direct proportion (or just in proportion) if increasing one increases the other one proportionally . So if quantity A is doubled (or trebled, halved, etc.), so is quantity B. They will also know when: Two quantities, C and D, are in inverse proportion if increasing one quantity causes the other quantity to decrease proportionally . So if quantity C is doubled (or tripled, halved, etc.), quantity D is halved (or divided by 3, doubled etc.).	12 Dec – Constitution Day
19 – 23 Dec.	Number- Percentages Students will be able to convert from percentages to fractions and decimals. They will be able to find the new amount after a percentage increase/decrease. Students will be able to find the original amount.	23 Dec – Class Christmas Parties
26 – 30 Dec.	Number- Percentages Students will be able to convert from percentages to fractions and decimals. They will be able to find the new amount after a percentage increase/decrease. Express “x” as a percentage of “y”. Students will find the percentage change. They will also find the original value. Students will calculate simple interest and compound interest.	26 – 30 Dec. Christmas Holiday
2 – 6 Jan.	Shape and space-Unit conversion. Students will convert between metric and imperial units. They will be able to convert area and volume. They will learn formulae for speed, density and pressure.	2 Jan – New Year Observed
9 – 13 Jan.	Shape and space-Geometry Students will learn all angle facts. They will also learn about angles around parallel lines. Students will understand alternate, allied and corresponding angles. They will understand about regular and irregular polygons. Calculate interior and exterior angles. Students will understand the properties of triangles and quadrilaterals. Learn about congruent shapes.	
16 – 20 Jan.		16 Jan – Teacher's Day
23 – 27 Jan.	Shape and space-The four transformations. Students will understand translation, rotation, reflection and enlargement. They can use vectors when moving shapes. Students can describe rotations, by using angle rotation, direction of rotation and centre of rotation. They will reflect shapes through an equation and mirror line. Students will enlarge shapes using scale factor and centre of enlargement.	
30 Jan	Shape and space-Areas of triangles, Quadrilaterals and Circles.	

–3 Feb.	Students will learn and use the formulae to solve problems. They will calculate circumference and areas of circles. Students will also find areas of Segments and sectors.	
6 – 10 Feb.	Shape and space-3D Shapes- Surface area and Volume. Students will recognize vertices, faces and edges of 3D shapes. They will recognize and use formulae for Spheres, cones and cylinders. Students will calculate volumes of prisms.	
13 – 17 Feb.	Shape and space-Triangle construction and loci. Students will construct sides and angles using a ruler and protractor. They will use loci and the locus of points which are a fixed distance from a given point, a fixed distance from a given line, equidistance from two given lines and equidistance from two given points.	
20 – 24 Feb.	Finals	20 –23 Feb. Final Exams

Bangkok Christian College English Immersion Program**Course Scope for Physics Mathayom 6****Semester 2/2025-2026 Teacher Nicholas Barrett**

Date	Contents	Comments/ Remarks
24 October	Introduction to Semester Two	
27-31 October	The Characteristics of Electromagnetic Radiation (and the spectrum)	
3 - 7 November	Blackbody Radiation and Wien's Displacement Law	
10 - 14 November	The Ultraviolet Catastrophe and the Introduction to Energy Quanta	
17 - 21 November	The Photoelectric Effect	
24 – 28 November	Classical vs Quantum Fundamentals	
1 – 5 December	The Photon Model of Light	
8 – 12 December	Threshold Frequency, and Work Function of Different Metals	
15 – 19 December	Classical vs Quantum Physics: Analysis of Frequency and Intensity	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Project: The Photoelectric Effect and Photon Model of Light	
12 – 16 January	The Compton Effect	
19 - 23 January	The Double-Slit Experiment (And Quantum Eraser)	
26 – 30 January	Wave-Particle Duality (The Observer Effect and Copenhagen Interpretation)	
2 – 6 February	Further Theories in Quantum Physics (Schrodinger's Cat and the Many Worlds Interpretation)	
9 – 13 February	Unit Test: Quantum Physics	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Physics (Research and Report) Mathayom 6
Semester 2/2025-2026 Teacher Steven Fournier

Date	Contents	Comments/ Remarks
24 October	A Level Astrophysics Review of pg 170-177	
27-31 October	A Level Astrophysics Review of 7.2 Starshine pg 178-186 A Level Astrophysics: 7.3 Hubble's Law. Pg 187-197 A Level Astrophysics: Review and Test 1	
3 - 7 November	A level: Topic Nuclear Power: Pg 126-132 Nuclear radiation and decay	
10 - 14 November	A level: Nuclear Fission and Fusion, Power stations: Pg 136-145	
17 - 21 November	A Level: Nuclear Power, an overview to support IGCSE material: pg 126-147 Test 2	
24 – 28 November	***Pearson Exams Week*** or Prep for Research Projects.	
1 – 5 December	A Level: Project 1: Demonstrate a project build that is about power creation. It can be physical or theoretical	
8 – 12 December	A Level Nuclear Power (A Level): Discussion on power creation: fuels, fission, fusion, and annihilation.	
15 – 19 December	Review topics for test: Test 2	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Ethics: Milgram experiment. Discuss on different types of experiments and the ethics behind them.	
12 – 16 January	Craft an experiment and then look at possible problems: conflict of interest, bias, misinformation, Assignment. Project 2.	
19 - 23 January	Discussion on experiments and talk about Doctor Money's experiment with twins. Test 3 on Research	
26 – 30 January	Review of all topics for Final Exam: Topic 5 Nuclear Decay and Topic 7 Astrophysics touching on Topics 1 Motion of a Circle and Topic 3: Particle Physics	
2 – 6 February	Test 4 on Topics 1, 3, 5, 7 (60% Astrophysics, 20% Nuclear, 10% Motion of a Circle, 10% Particle Physics.	
9 – 13 February	Feedback and work completion. Send off for graduation. Personal Reflections of studying in High School.	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Biology Mathayom 6

Semester 2/2025-2026 Teacher Rick Reinders

Date	Contents	Comments/ Remarks
24 October	Unit 5 MSI Practice Medical School Interview Skills Introduction to Medical School Interviews	
27-31 October	Ethical Decision-Making	
3 - 7 November	Critical Thinking and Communication	
10 - 14 November	Mock Interviews	
17 - 21 November	Personal Statement Review and Refinement	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Unit 6 Medical Conditions Selecting a Medical Condition	
8 – 12 December	Researching Causes and Symptoms Diagnosis and Treatment	
15 – 19 December	Public Speaking and Presentation Skills Peer Feedback and Reflection	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Unit 7 Dissections and Practicals Introduction to Dissection Techniques	
12 – 16 January	Dissection of Biological Specimens	
19 - 23 January	IGCSE Practicals	
26 – 30 January	IGCSE Practicals	
2 – 6 February	Scientific Reporting	
9 – 13 February	Review and in class Final Exam	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Chemistry Mathayom 6
Semester 2/2025-2026 Teacher Sepehr Massoumi Alamouti

Date	Contents	Comments/ Remarks
24 October	Introduction	Content and Assessment: - Course scope review - Reviewing the objective checklist - Setting goals activity
27-31 October	Redox know what is meant by the term 'oxidation number' be able to calculate the oxidation number of elements in compounds and ions the use of oxidation numbers in peroxides and metal hydrides is expected.	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
10 - 14 November	Redox understand oxidation and reduction in terms of electron transfer and changes in oxidation number, applied to reactions of s- and p-block elements understand oxidation and reduction in terms of electron loss or electron gain know that oxidising agents gain electrons know that reducing agents lose electrons	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
10 - 14 November	Redox be able to indicate the oxidation number of an element in a compound or ion, using a Roman numeral be able to write formulae given oxidation numbers understand that metals, in general, form positive ions by loss of electrons with an increase in oxidation number understand that non-metals, in general, form negative ions by gain of electrons with a decrease in oxidation number	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
17 - 21 November	Redox able to write ionic half-equations and use them to construct full ionic equations know that oxidation number is a useful concept in terms of the classification of reactions as redox and as disproportionation understand that a disproportionation reaction involves an element in a single species being simultaneously oxidised and reduced	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
24 – 28 November	Redox Unit Test 1: Redox Unit Test 1 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions

1 – 5 December	Acid/Base Equilibria I know that a Brønsted–Lowry acid is a proton donor and a Brønsted–Lowry base is a proton acceptor know that acid-base reactions involve the transfer of protons be able to identify Brønsted–Lowry conjugate acid-base pairs	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
8 – 12 December	Acid/Base Equilibria I be able to define the term ‘pH’ be able to calculate pH from hydrogen ion concentration be able to calculate the concentration of hydrogen ions, in mol dm⁻³, in a solution from its pH, using the expression $[H^+] = 10^{-pH}$ understand the difference between a strong acid and a weak acid in terms of degree of dissociation be able to calculate the pH of a strong acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
15 – 19 December	Acid/Base Equilibria I be able to deduce the expression for the acid dissociation constant, K_a, for a weak acid and carry out relevant calculations be able to calculate the pH of a weak acid making relevant assumptions be able to define the ionic product of water, K_w be able to calculate the pH of a strong base from its concentration, using K_w be able to define the terms ‘pK_a’ and ‘pK_w’ CORE PRACTICAL : Finding the K_a value for a weak acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
22 – 26 December	Acid/Base Equilibria I Unit Test 2: Acid/Base Equilibria I Unit Test 2 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Acid/Base Equilibria II be able to analyse data from the following experiments: i. measuring the pH of a variety of substances, e.g. equimolar solutions of strong and weak acids, strong and weak bases, and salts ii. comparing the pH of a strong acid and a weak acid after dilution 10, 100 and 1000 times" be able to calculate K_a for a weak acid from experimental data given the pH of a solution containing a known mass of acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
12 – 16 January	Acid/Base Equilibria II be able to draw and interpret titration curves using all combinations of strong and weak monoprotic acids and bases be able to select a suitable indicator, using a titration curve and appropriate data	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions

19 – 23 January	Acid/Base Equilibria II know what is meant by the term ‘buffer solution’ understand the action of a buffer solution be able to calculate the pH of a buffer solution given appropriate data be able to calculate the concentrations of solutions required to prepare a buffer solution of a given pH	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
26 – 30 January	Acid/Base Equilibria II understand how to use a weak acid–strong base titration curve to: i. demonstrate buffer action ii. determine K_a from the pH at the point where half the acid is neutralised" understand why there is a difference in enthalpy changes of neutralisation values for strong and weak acids understand the roles of carbonic acid molecules and hydrogen carbonate ions in controlling the pH of blood	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
2 – 6 February	Acid/Base Equilibria II Unit Test 3: Acid/Base Equilibria II Unit Test 3 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions Exam Style Questions
9 – 13 February 16 - 19 February	Final Review ***Final Exams***	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions Exam Style Questions Unit test 1&2: 20% Unit Test 3: 80% Unit test 1&2: 20% Unit Test 3: 80%

Bangkok Christian College English Immersion Program

Course Scope for Computer Mathayom 6

Semester 2/2025-2026 Teacher James Cookson

Date	Contents	Comments/ Remarks
24 October	Semester Group Project Explanation	
27-31 October	Project Planning	
3 - 7 November	Project Proposal	
10 - 14 November	Project Modifications/Approval	
17 - 21 November	Group Project Work	
24 – 28 November	Group Project Work	
1 – 5 December	Group Project Work	
8 – 12 December	Group Project Work	
15 – 19 December	Group Project Progress Assessment	
22 – 26 December	Group Project Progress Feedback	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Group Project Work	
12 – 16 January	Group Project Work	
19 - 23 January	Group Project Work	
26 – 30 January	Group Project Work	
2 – 6 February	Project Demonstrations/Presentations	
9 – 13 February	Project Demonstrations/Presentations	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Physical Education Mathayom 6

Semester 2/2025-2026 Teacher Benjamin 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	Supplements 101 • Creatine • Caffeine and why it's bad but actually good • Multi-Vitamin	
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	(Western) Boxing • Why it's the safest but also the most dangerous • How to wrap your wrists • Other combat sports explained	
9 – 13 December	Western Boxing Drills • Shadowboxing • Footwork	
16 – 20 December	Western Boxing Drills • Padwork	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	American Football • Rules & Strategies • 7 on 7 games	
13 – 17 January	Football 2.0 • Handling Drills • Defensive Drills • Live Games	
20 - 24 January	Nutrition 101 • Calculating Caloric Maintenance • Safe Weight loss/gain • “Gaintaing” and why it literally never works except for you	
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	Capture the Flag	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Mathematics for Engineers/ Business M611, M612 and M613
Semester 2/2025-2026 Teacher Vincent Ellison

Date	Contents	Comments/ Remarks
24 – 28 Oct.	Statistics Students can draw interpret scatter graphs. They can decide if there is a relationship between variables. Use and interpret linear regression. Students can calculate least squares linear regression. They can calculate and interpret the product moment correlation coefficient. Students can use coding to simplify calculation of the linear regression and the product moment correlation coefficient. Statistics book 1 chapter 5	24 Oct – Chulalongkorn Day
31 Oct. - 4 Nov.	Statistics Students can understand what discrete random variables are and how they arise. They can find the cumulative distribution function for a discrete random variable. Students find the expected value of a discrete random variable. They find the expected value and variance of a function x . Students solve problems involving random variables. They use discrete uniform distribution as a model for the probability distribution of the outcomes of certain experiments. Statistics book 1 chapter 6	
7 - 11 Nov.	Statistics Students understand the normal distribution curve and its characteristics They use tables to find the probabilities of the standard normal distribution Z . Students use the tables to find the z given a probability. They understand the standard normal distribution and calculate μ and σ . Statistics book 1 chapter 7.	
14 - 18 Nov.	Statistics Students understand the Binomial distribution as a model and comment on appropriateness. They calculate individual probabilities for the binomial distribution. Students calculate cumulative probabilities for the binomial distribution. They understand and use the mean and variance of the binomial distribution. Statistics book 2 chapter 1	
21 – 25 Nov.	Statistics Students use the Poisson distribution to model real – world situations. They use the additive property of the Poisson distribution. Students understand and use the mean and variance of the Poisson distribution. Statistics book 2 chapter 2	
28 Nov. – 2 Dec	Algebraic methods Students complete Algebraic operations with Algebraic fractions. They use improper fractions. Pure Maths Book 3 chapter 1.	

5 – 9 Dec.	Functions and graphs. Students use the modulus function. They complete functions and graphs. Students use composite functions. They use inverse functions. Students use the following $y = f(x)$ AND $y = f(x)$ COMBINING TRANSFORMATIONS SOLVING MODULUS PROBLEMS Pure Maths book 3 chapter 2	5 Dec – King Bhumibol Birthday
12 – 16 Dec.	Trigonometric functions Students understand Secant, Cosecant and Cotangent. They produce graphs using sec x, cosec x and cot x. Students using sec x, cosec x and cot x. They recognize trigonometric identities Students use inverse trigonometric functions. Pure maths book 3 chapter 3	12 Dec – Constitution Day
19 – 23 Dec.	Trigonometric addition formulae Students use the Addition formulae They can also apply the addition angle formulae Students use the double – angle formulae They solve Trigonometric equations Simplifying $a \cos x \pm b \sin x$ Proving trigonometric identities. Pure maths book 3 chapter 4	23 Dec – Class Christmas Parties
26 – 30 Dec.	Statistics Students use the Poisson distribution as an approximation to the binomial distribution. They approximate a binomial distribution using a normal distribution. Students approximate a Poisson distribution using a normal distribution They select appropriate distributions and solve real- life problems. Statistics book 2 chapter 3	26 – 30 Dec. Christmas Holiday
2 – 6 Jan.	Statistics Students understand and use probability density function for a continuous random variable. They understand and use cumulative distribution function for a continuous random variable. Students find the mean, variance, mode, median and percentiles of a continuous random variable. Statistics book 2 chapter 4	2 Jan – New Year Observed
9 – 13 Jan.		
16 – 20 Jan.	Statistics Students understand, use and model situations using the continuous uniform distribution. Statistics book 2 chapter 5 Review chapters 1, 2, 3 and 4	16 Jan – Teacher’s Day

23 – 27 Jan.	Statistics Students understand the terms population, sample and census and comment on the advantages and disadvantages of each. They understand what a statistic is. Students find the sample distribution of a sample statistic. Statistics book 2 chapter 6	
30 Jan – 3 Feb.	Statistics Understand the language and concept of hypothesis testing Understand that a sample is used to make an inference about a population. Find critical values of a binomial distribution using tables. Statistics book 2 chapter 7	
6 – 10 Feb.	Statistics Carry out one – tailed and two-tailed tests for proportion of the binomial distribution and interpret the results. Carry out one-tailed and two-tailed tests for the rate of the Poisson distribution and interpret results. Carry out one-tailed and two-tailed tests using an approximation, when appropriate. Statistics book 2 chapter 7	
13 – 17 Feb.	Revision for final exams.	
20 – 24 Feb.		20 – 23 Feb. Final Exams

Bangkok Christian College English Immersion Program
Course Scope for Physics (Research and Report) Mathayom 6
Semester 2/2025-2026 Teacher Steven Fournier

Date	Contents	Comments/ Remarks
24 October	A Level Astrophysics Review of pg 170-177	
27-31 October	A Level Astrophysics Review of 7.2 Starshine pg 178-186 A Level Astrophysics: 7.3 Hubble's Law. Pg 187-197 A Level Astrophysics: Review and Test 1	
3 - 7 November	A level: Topic Nuclear Power: Pg 126-132 Nuclear radiation and decay	
10 - 14 November	A level: Nuclear Fission and Fusion, Power stations: Pg 136-145	
17 - 21 November	A Level: Nuclear Power, an overview to support IGCSE material: pg 126-147 Test 2	
24 – 28 November	***Pearson Exams Week*** or Prep for Research Projects.	
1 – 5 December	A Level: Project 1: Demonstrate a project build that is about power creation. It can be physical or theoretical	
8 – 12 December	A Level Nuclear Power (A Level): Discussion on power creation: fuels, fission, fusion, and annihilation.	
15 – 19 December	Review topics for test: Test 2	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Ethics: Milgram experiment. Discuss on different types of experiments and the ethics behind them.	
12 – 16 January	Craft an experiment and then look at possible problems: conflict of interest, bias, misinformation, Assignment. Project 2.	
19 - 23 January	Discussion on experiments and talk about Doctor Money's experiment with twins. Test 3 on Research	
26 – 30 January	Review of all topics for Final Exam: Topic 5 Nuclear Decay and Topic 7 Astrophysics touching on Topics 1 Motion of a Circle and Topic 3: Particle Physics	
2 – 6 February	Test 4 on Topics 1, 3, 5, 7 (60% Astrophysics, 20% Nuclear, 10% Motion of a Circle, 10% Particle Physics.	
9 – 13 February	Feedback and work completion. Send off for graduation. Personal Reflections of studying in High School.	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Mathematics for Business M614
Semester 2/2025-2026 Teacher Vincent Ellison

Date	Contents	Comments/ Remarks
24 – 28 Oct.	Statistics. Mean, Mode, Median and Range Students will learn the four definitions. They will use the four definitions in various situations. Discuss and decide which average best suits the required situation. Make sure they are familiar with Ascending and Descending terminology when finding the Median. Compare two sets of data	24 Oct – Chulalongkorn Day
31 Oct. - 4 Nov.	Statistics-Find averages from Frequency tables Students will find averages from Frequency tables. They will know they have to add a third column and work it out and then divide it by the second column to calculate the mean. They will use an Algebraic formula to calculate the Median.	
7 - 11 Nov.	Statistics-Grouped frequency tables. Students will know grouped frequency tables group together the data into classes. Student's will use inequality symbols to cover all possible values. They will find MID-INTERVAL VALUES, by adding together the end values and dividing by 2. They'll understand estimating the mean by adding a third column and enter the mid-interval value for each class. Add a 4 th column to show frequency times mid-interval value for each class. Also Modal class and the class containing the Median	
14 - 18 Nov.	Statistics-Box plots Students will understand that Box Plots show the spread of data. They will recognize the quartiles and Interquartile range and the terminology that's required. Students will draw Box plots from data given and compare two sets of data. They will decide which quartile to use to give the most accurate result. Also, what affect does outliers have on the data.	
21 – 25 Nov.	Statistics-Cumulative Frequency diagrams. Students will know cumulative frequency just means adding it up as you go along. The students will draw cumulative frequency graphs by plotting points using the highest value in each class and the Cumulative frequency. They will use the quartiles to find values from the smooth curve they have plotted.	
28 Nov. – 2 Dec	Statistics-Scatter diagrams Students will identify that a scatter graph tells how closely two things are related, which is called Correlation. They will plot graphs and recognize, Positive, Negative and no correlation and analyse their graphs. They will use the line of best fit to make estimates. Students will also recognize outliers and how they affect the pattern.	
5 – 9 Dec.	Statistics-Pie Charts Students will know a pie chart is a circular graph used to show how a whole is divided into different parts. Each slice of the “pie” represents a category, and the size of each slice is proportional to the percentage or fraction that category contributes to the total. Students will Collect Data : Determine the total and the value for each category. ☐ Calculate Percentages : $(\text{Category Value} \div \text{Total}) \times 100$. ☐ Find Angles (if drawing manually): $(\text{Category Value} \div \text{Total}) \times 360^\circ$. ☐ Draw the Circle : Use a protractor to mark angles.	5 Dec – King Bhumibol Birthday

- 3 Feb.	Students will also find areas of Segments and sectors.	
6 – 10 Feb.	Shape and space-3D Shapes- Surface area and Volume. Students will recognize vertices, faces and edges of 3D shapes. They will recognize and use formulae for Spheres, cones and cylinders. Students will calculate volumes of prisms.	
13 – 17 Feb.	Shape and space-Triangle construction and loci. Students will construct sides and angles using a ruler and protractor. They will use loci and the locus of points which are a fixed distance from a given point, a fixed distance from a given line, equidistance from two given lines and equidistance from two given points.	
20 – 24 Feb.	Finals	20 – 23 Feb. Final Exams

Bangkok Christian College English Immersion Program

Course Scope for Physics Mathayom 6

Semester 2/2025-2026 Teacher Nicholas Barrett

Date	Contents	Comments/ Remarks
24 October	Introduction to Semester Two	
27-31 October	The Characteristics of Electromagnetic Radiation (and the spectrum)	
3 - 7 November	Blackbody Radiation and Wien's Displacement Law	
10 - 14 November	The Ultraviolet Catastrophe and the Introduction to Energy Quanta	
17 - 21 November	The Photoelectric Effect	
24 – 28 November	Classical vs Quantum Fundamentals	
1 – 5 December	The Photon Model of Light	
8 – 12 December	Threshold Frequency, and Work Function of Different Metals	
15 – 19 December	Classical vs Quantum Physics: Analysis of Frequency and Intensity	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Project: The Photoelectric Effect and Photon Model of Light	
12 – 16 January	The Compton Effect	
19 - 23 January	The Double-Slit Experiment (And Quantum Eraser)	
26 – 30 January	Wave-Particle Duality (The Observer Effect and Copenhagen Interpretation)	
2 – 6 February	Further Theories in Quantum Physics (Schrodinger's Cat and the Many Worlds Interpretation)	
9 – 13 February	Unit Test: Quantum Physics	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Physical Education Mathayom 6

Semester 2/2025-2026 Teacher Benjamin 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	Supplements 101 • Creatine • Caffeine and why it's bad but actually good • Multi-Vitamin	
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	(Western) Boxing • Why it's the safest but also the most dangerous • How to wrap your wrists • Other combat sports explained	
9 – 13 December	Western Boxing Drills • Shadowboxing • Footwork	
16 – 20 December	Western Boxing Drills • Padwork	
23 – 27 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
30 December – 3 January	***Christmas Holiday***	
6 – 10 January	American Football • Rules & Strategies • 7 on 7 games	
13 – 17 January	Football 2.0 • Handling Drills • Defensive Drills • Live Games	
20 - 24 January	Nutrition 101 • Calculating Caloric Maintenance • Safe Weight loss/gain • “Gaintaing” and why it literally never works except for you	
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	Capture the Flag	
10 – 14 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for News Reading Mathayom 6

Semester 2/2025-2026 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
20 -24 October	Analysis of the English Media and the student's awareness of the outlets and content.	
27 October – 31 October	Analysis of English Media Outlets	
3 - 7 November	Analysis of English Media Outlets	
10 - 14 November	Analysis of English Media Outlets	
17 - 21 November	Introduction and execution of class presentation project	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Students work of class presentation project	
8 – 12 December	Students work of class presentation project	
15 – 19 December	Student presentations	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	News story introduction and vocabulary analysis	
12 – 16 January	News story question and analysis	
19 - 23 January	News story introduction and vocabulary analysis	
26 – 30 January	News story question and analysis	
2 – 6 February	News story introduction and vocabulary analysis and news story question and analysis	
9 – 13 February	In class Final Exam preparation and execution	
16 -20 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for English for Literature Studies Mathayom 6
Semester 2/2025-2026 Teacher Djurdje Spasojevic

Date	Contents	Comments/ Remarks
20 -24 October	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
27 October – 31 October	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
3 - 7 November	“Explosion of the Space Shuttle Challenger: Address to the Nation” Determine the author’s purpose and delineate and evaluate an argument	
10 - 14 November	Graduation Speech Writing	
17 - 21 November	Graduation Speech Writing	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	“The Deep” Determine themes in a story and analyze the role of setting	
8 – 12 December	“The Deep” Determine themes in a story and analyze the role of setting	
15 – 19 December	“The Deep” Determine themes in a story and analyze the role of setting	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
12 – 16 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
19 - 23 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
26 – 30 January	“The Mosquito Solution” Support inferences and draw conclusions from a scientific article	
2 – 6 February	End of Text Performance Tasks/ Language & Style Argument Writing Activity OR End of Collection Performance Tasks Present a Speech	
9 – 13 February	End of Text Performance Tasks/ Language & Style Argument Writing Activity OR End of Collection Performance Tasks Present a Speech	
16 -20 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Computer Mathayom 6

Semester 2/2025-2026 Teacher James Cookson

Date	Contents	Comments/ Remarks
24 October	Semester Group Project Explanation	
27-31 October	Project Planning	
3 - 7 November	Project Proposal	
10 - 14 November	Project Modifications/Approval	
17 - 21 November	Group Project Work	
24 – 28 November	Group Project Work	
1 – 5 December	Group Project Work	
8 – 12 December	Group Project Work	
15 – 19 December	Group Project Progress Assessment	
22 – 26 December	Group Project Progress Feedback	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Group Project Work	
12 – 16 January	Group Project Work	
19 - 23 January	Group Project Work	
26 – 30 January	Group Project Work	
2 – 6 February	Project Demonstrations/Presentations	
9 – 13 February	Project Demonstrations/Presentations	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program

Course Scope for Biology Mathayom 6

Semester 2/2025-2026 Teacher Rick Reinders

Date	Contents	Comments/ Remarks
24 October	Unit 5 MSI Practice Medical School Interview Skills Introduction to Medical School Interviews	
27-31 October	Ethical Decision-Making	
3 - 7 November	Critical Thinking and Communication	
10 - 14 November	Mock Interviews	
17 - 21 November	Personal Statement Review and Refinement	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Unit 6 Medical Conditions Selecting a Medical Condition	
8 – 12 December	Researching Causes and Symptoms Diagnosis and Treatment	
15 – 19 December	Public Speaking and Presentation Skills Peer Feedback and Reflection	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Unit 7 Dissections and Practicals Introduction to Dissection Techniques	
12 – 16 January	Dissection of Biological Specimens	
19 - 23 January	IGCSE Practicals	
26 – 30 January	IGCSE Practicals	
2 – 6 February	Scientific Reporting	
9 – 13 February	Review and in class Final Exam	
16 - 19 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Current World Events 2 Mathayom 6
Semester 2/2025-2026 Teacher Andrew Hailstone

Date	Contents	Comments/ Remarks
20 -24 October	Definitions and use of Justice	
27 October – 31 October	Use of Justice	
3 - 7 November	Use of Justice	
10 - 14 November	Understanding of Human Rights	
17 - 21 November	Understanding of Human Rights	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Understanding of Human Rights	
8 – 12 December	Analysis of the situation in Syria and its origins	
15 – 19 December	Introduction of the concepts of empathy and sympathy	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24 th ***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
12 – 16 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
19 - 23 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
26 – 30 January	Analysis of student’s responses regarding pictures from the Syrian conflict and the elicitation of sympathy/empathy	
2 – 6 February	Test on positions and review	
9 – 13 February 16 -20 February	Revision	
	Final Exams	

Bangkok Christian College English Immersion Program
Course Scope for Composition & Rhetoric Mathayom 6
Semester 2/2025-2026 Teacher Rick Diaz

Date	Contents	Comments/ Remarks
20 -24 October	Persuasive Writing: Persuasive Essay Outline	
27 October – 31 October	Persuasive Writing: The Persuasive Essay	
3 - 7 November	Informational Writing: Writing Instructions	
10 - 14 November	Informational Writing: Business Emails	
17 - 21 November	Interview Preparation	
24 – 28 November	***Pearson Exams Week***	
1 – 5 December	Interview Preparation: Video Interview Portfolio	
8 – 12 December	Introduction to Figurative Language	
15 – 19 December	Figurative Language: Similes	
22 – 26 December	***Christmas ceremonies, followed by the beginning of Christmas holiday on the 24th***	
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Figurative Language: Metaphors	
12 – 16 January	Figurative Language: Personification	
19 - 23 January	Figurative Language: Hyperbole	
26 – 30 January	Figurative Language: Oxymorons	
2 – 6 February	In Class Final Exams	
9 – 13 February	***Final Exams***	

Bangkok Christian College English Immersion Program
Course Scope for Chemistry Mathayom 6
Semester 2/2025-2026 Teacher Sepehr Massoumi Alamouti

Date	Contents	Comments/ Remarks
24 October	Introduction	Content and Assessment: - Course scope review - Reviewing the objective checklist - Setting goals activity
27-31 October	Redox know what is meant by the term 'oxidation number' be able to calculate the oxidation number of elements in compounds and ions the use of oxidation numbers in peroxides and metal hydrides is expected.	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
10 - 14 November	Redox understand oxidation and reduction in terms of electron transfer and changes in oxidation number, applied to reactions of s- and p-block elements understand oxidation and reduction in terms of electron loss or electron gain know that oxidising agents gain electrons know that reducing agents lose electrons	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
10 - 14 November	Redox be able to indicate the oxidation number of an element in a compound or ion, using a Roman numeral be able to write formulae given oxidation numbers understand that metals, in general, form positive ions by loss of electrons with an increase in oxidation number understand that non-metals, in general, form negative ions by gain of electrons with a decrease in oxidation number	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
17 - 21 November	Redox able to write ionic half-equations and use them to construct full ionic equations know that oxidation number is a useful concept in terms of the classification of reactions as redox and as disproportionation understand that a disproportionation reaction involves an element in a single species being simultaneously oxidised and reduced	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions
24 – 28 November	Redox Unit Test 1: Redox Unit Test 1 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 1: Pages 185-233 Book 2: 158-181 Required Problems: All the checkpoint questions Exam Style Questions Book 1: Pages 232-233 Book 2: Pages 180-181 Official A-level Edexcel Past paper Questions

1 – 5 December	Acid/Base Equilibria I know that a Brønsted–Lowry acid is a proton donor and a Brønsted–Lowry base is a proton acceptor know that acid-base reactions involve the transfer of protons be able to identify Brønsted–Lowry conjugate acid-base pairs	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
8 – 12 December	Acid/Base Equilibria I be able to define the term ‘pH’ be able to calculate pH from hydrogen ion concentration be able to calculate the concentration of hydrogen ions, in mol dm⁻³, in a solution from its pH, using the expression $[H^+] = 10^{-pH}$ understand the difference between a strong acid and a weak acid in terms of degree of dissociation be able to calculate the pH of a strong acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
15 – 19 December	Acid/Base Equilibria I be able to deduce the expression for the acid dissociation constant, K_a, for a weak acid and carry out relevant calculations be able to calculate the pH of a weak acid making relevant assumptions be able to define the ionic product of water, K_w be able to calculate the pH of a strong base from its concentration, using K_w be able to define the terms ‘pK_a’ and ‘pK_w’ CORE PRACTICAL : Finding the K_a value for a weak acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
22 – 26 December	Acid/Base Equilibria I Unit Test 2: Acid/Base Equilibria I Unit Test 2 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
29 December – 2 January	***Christmas Holiday***	
5 – 9 January	Acid/Base Equilibria II be able to analyse data from the following experiments: i. measuring the pH of a variety of substances, e.g. equimolar solutions of strong and weak acids, strong and weak bases, and salts ii. comparing the pH of a strong acid and a weak acid after dilution 10, 100 and 1000 times" be able to calculate K_a for a weak acid from experimental data given the pH of a solution containing a known mass of acid	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
12 – 16 January	Acid/Base Equilibria II be able to draw and interpret titration curves using all combinations of strong and weak monoprotic acids and bases be able to select a suitable indicator, using a titration curve and appropriate data	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions

19 – 23 January	Acid/Base Equilibria II know what is meant by the term ‘buffer solution’ understand the action of a buffer solution be able to calculate the pH of a buffer solution given appropriate data be able to calculate the concentrations of solutions required to prepare a buffer solution of a given pH	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
26 – 30 January	Acid/Base Equilibria II understand how to use a weak acid–strong base titration curve to: i. demonstrate buffer action ii. determine K_a from the pH at the point where half the acid is neutralised" understand why there is a difference in enthalpy changes of neutralisation values for strong and weak acids understand the roles of carbonic acid molecules and hydrogen carbonate ions in controlling the pH of blood	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions
2 – 6 February	Acid/Base Equilibria II Unit Test 3: Acid/Base Equilibria II Unit Test 3 Review	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions Exam Style Questions
9 – 13 February 16 - 19 February	Final Review ***Final Exams***	Content and Assessment: A Level Chemistry Student Textbook: Book 2: 78-105 Required Problems: All the checkpoint questions Exam Style Questions Book 2: Pages 104-105 Official A-level Edexcel Past paper Questions Exam Style Questions Unit test 1&2: 20% Unit Test 3: 80% Unit test 1&2: 20% Unit Test 3: 80%