

<b>Sec 4 Express</b>		
<b>Subject</b>	<b>Topics / Skills</b>	<b>Remarks</b>
English Language	Situational Writing - Article Non-narrative Comprehension	
Chinese Language	P2: Cloze passage/comprehension (CT1)	
Malay Language	P1: Formal Email (CT1)	
Math	Sec 4 Chapter 1: Set Language and Notation Sec 4 Chapter 2: Data Analysis - Measures of Spread Sec 4 Chapter 3: Probability Sec 3 Chapter 9: Arc Lengths, Sector Area and Radian Measure	
Geography	Global Tourism- Is it the way to go? - How does tourism vary from place to place? - How has tourism become a global phenomenon?	
History	Unit 2 Chapter 7: End of WW2 in Asia Pacific Unit 3 Chapter 1: Outbreak of Cold War	
Literature	Set text from Fieda's Child	
Geography (Elective)	Global Tourism- Is it the way to go? - How does tourism vary from place to place? - How has tourism become a global phenomenon?	
History (Elective)	Chapter 4: Outbreak of WWII in Europe Chapter 5: Reasons for Defeat of Germany in Europe Chapter 6: Outbreak of WWII in Asia-Pacific	
Literature (Elective)	Unseen Prose	
Social Studies	Structured Response Question (SRQ) Chapter 8: Drivers of Globalisation Chapter 9: Economic Impacts of Globalisation	
Chemistry	1. Metals 2. Redox	
Science (Chemistry)	1. Speed of Reaction 2. Redox 3. Energy	
Physics	C3: Forces C4: Mass, Weight and Density C5: Turning Effect of Forces	
Science (Physics)	C2: Kinematics C3: Forces C4: Mass, Weight, Density	
Biology	Nutrition in Plants, Transport in Plants, Homeostasis, Nervous System	
Science (Biology)	Nervous system, human eye & hormones	
Additional Math	Chapter 11: Trigonometric Functions Chapter 12: Simple Trigonometric Identities & Equations Chapter 13: Further Trigonometric Identities	
Art	1) Using photography as a tool for ideation 2) Exploration of theme and materiality as evidenced through the visual journal	
D&T	1) Design Method 2) Project Management: Time Plan 3) Idea Conceptualisation	
F&N	Chapter 1: Energy Balance Chapter 2: Meal Planning Chapter 15: Science in Food Preparation	

<b>Sec 4 NA</b>		
<b>Subject</b>	<b>Topics / Skills</b>	<b>Remarks</b>
English Language	Situational Writing - Formal Letter Non-narrative Comprehension	
Chinese Language	P2: Cloze passage/comprehension (CT1)	
Malay Language	P1: Formal Email (CT1)	
Math Syllabus A	Chapter 9.3: Graphs of Exponential functions (Sec 3NA Textbook B) Chapter 9.4: Gradient of Curves (Sec 3NA Textbook B) Chapter 9.5: Graphs in Practical Situations (Sec 3NA Textbook B) Chapter 1: Applications of Trigonometry	
Math (Out-of-Stream)	Sec 4 Chapter 1: Set Language and Notation Sec 4 Chapter 2: Data Analysis - Measures of Spread Sec 4 Chapter 3: Probability Sec 3 Chapter 9: Arc Lengths, Sector Area and Radian Measure	
Geography Elective	Climate Change: What is happening to the Earth's climate? Global Tourism- Is it the way to go? - How does tourism vary from place to place? - How has tourism become a global phenomenon?	
History Elective	Chapter 4: Outbreak of WWII in Europe Chapter 5: Reasons for Defeat of Germany in Europe Chapter 6: Outbreak of WWII in Asia-Pacific	
Literature Elective	Set text from Fielde's Child	
Social Studies	Structured Response Question (SRQ) Chapter 8: Drivers of Globalisation Chapter 9: Economic Impacts of Globalisation	
Science (Chemistry)	1) Metals 2) Measuring Speed of Reaction	
Science (Physics)	C3: Forces and Pressure C4: Mass, Weight Density	
Science (Biology)	Nutrition in Plants, Transport in Plants	
Additional Math	Chapter 11: Trigonometric Functions Chapter 12: Simple Trigonometric Identities & Equations Chapter 13: Further Trigonometric Identities	
Art	Control of Media and Techniques: Observational Drawing	
D&T	1) Design Method 2) Project Management: Time Plan 3) Idea Conceptualisation	
F&N	Chapter 4: Carbohydrates Chapter 5: Cereals Chapter 6: Fats and Diet-related Diseases Chapter 7: Proteins Chapter 8: Meat and Alternatives Chapter 14: Heat Transfer and Methods of Cooking	Section A: Short-answer Section B: Structured Section C: Essay (x 1)

<b>Sec 4 NT</b>		
<b>Subject</b>	<b>Topics / Skills</b>	<b>Remarks</b>
English Language	Language Use & Comprehension Directed Writing	
Basic Chinese Language	P1: Cloze passage/comprehension (CT1)	other components tested this term: LC Oral Task
Basic Malay Language	P1: Cloze passage/comprehension (CT1)	other components tested this term: LC Oral Task
Math Syllabus T	<u>Sec 4 Topic</u> Chapter 2: Mensuration <u>Revision Topics</u> Surface Area and Volume Arithmetic, Fractions, Decimals and Percentage	
Math Syllabus A (Out-of-Stream)	Chapter 9.3: Graphs of Exponential functions (Sec 3NA Textbook B) Chapter 9.4: Gradient of Curves (Sec 3NA Textbook B) Chapter 9.5: Graphs in Practical Situations (Sec 3NA Textbook B) Chapter 1: Applications of Trigonometry	
Science	C10 Breathing, C11 Fitness and Cardiac Health, C12 Staying Healthy	
CPA	Spreadsheet (Problem Sets 10 and 11)	
EBS		Coursework for N levels
Robotics	Written Paper: Design, Input and Output Devices Practical: Light Activated Robot (Construction Stage)	Written Paper (30%), Practical (70%)

<b>Sec 5 NA</b>		
<b>Subject</b>	<b>Topics / Skills</b>	<b>Remarks</b>
English Language	Situational Writing - Article Non-narrative Comprehension	
Chinese Language	P2: Cloze passage/comprehension (CT1)	
Malay Language	P1: Formal Email (CT1)	
Math	Sec 5 Chapter 4: Set Language and Notation Sec 5 Chapter 1: Graphs of Quadratic Functions Sec 4 Chapter 2: Arc Lengths, Sector Areas and Radian Measure Sec 4 Chapter 3: Data Analysis - Measures of Spread	
Literature	N.A.	
Geography (Elective)	Food Resources How and why has food consumption patterns changed since 1960s?	
History (Elective)	Chapter 4: Outbreak of WWII in Europe Chapter 5: Reasons for Defeat of Germany in Europe Chapter 6: Outbreak of WWII in Asia-Pacific	
Literature (Elective)	N.A.	
Social Studies	Structured Response Question (SRQ) Chapter 10: Cultural Impacts of Globalisation	
Science (Chemistry)	1. Speed of Reaction 2. Redox 3. Energy	
Science (Physics)	1. Light - Reflection 2. Light - Refraction 3. Light - T.I.R.	
Science (Biology)	Nervous system, human eye & hormones	
Additional Math	Chapter 11: Trigonometric Functions Chapter 12: Simple Trigonometric Identities & Equations Chapter 13: Further Trigonometric Identities	
Art	Control of Media and Techniques: Observational Drawing	
D&T	1) Design Method 2) Project Management: Time Plan 3) Idea Conceptualisation	
F&N	Chapter 1: Energy Balance Chapter 2: Meal Planning Chapter 15: Science in Food Preparation	