

Zhenghua Secondary School

Sec 3 Express

Syllabus Coverage for Assessment in Mid-Year Examination 2016

ENGLISH LANGUAGE

S/N	Topics	Format / Weightings
1	<p>Paper 1: Writing</p> <p>Section A: Editing – Grammar</p> <p>Section A: Situational Writing</p> <p>Section B: Continuous Writing (Argumentative and Expository Writing)</p> <p>Duration of Examination = 1hr 50mins</p>	<p>10 marks</p> <p>30 marks</p> <p>30 marks</p> <p>Total= 70 marks (40%)</p>
2	<p>Paper 2: Comprehension</p> <p>Section A: Visual Text – structured questions</p> <p>Section A: Narrative text – structured questions</p> <p>Section B: Non-narrative text- structured questions and summary</p> <p>Duration of Examination = 1hr 50mins</p>	<p>5 marks</p> <p>20 marks</p> <p>25 marks</p> <p>Total= 50 marks (40%)</p>
3	<p>Paper 3: Listening Comprehension</p> <p>Section A Candidates respond to a variety of listening tasks based on a number of audio recordings which the candidates will hear twice.</p> <p>Section B Candidates listen to an audio recording and do a simple note-taking exercise. Candidates will hear the recording only once.</p>	<p>24 marks</p> <p>6 marks</p> <p>Total = 30 marks (20%)</p>
	<p>Paper 4: Oral Communication</p> <p>The two parts in this paper are thematically linked.</p> <p>Part 1: Reading Aloud</p> <p>Candidates read aloud a short text.</p> <p>Part 2: Spoken Interaction</p> <p>Candidates engage in a discussion with the examiners on a topic based on a visual stimulus</p> <p>Duration of Examination= About 20 minutes(including 10 minutes of Preparation time)</p>	<p>10 marks</p> <p>20 marks</p> <p>Total= 30 marks (20%)</p>

**Paper 4 Oral examination marks will be counted as SA2 marks.*

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CHINESE LANGUAGE

中三快捷课程年中考试

	测试	项目	必答题数	分数	分数比例	附注
1	年中考试试卷（一） 2 小时	作文 <ul style="list-style-type: none"> • 情境作文 • 新闻读后感 • 论说文 	1	40		技能考查参照课本单元学习单 三选一
		实用文 私人电邮 <ul style="list-style-type: none"> • 课题讨论 公务电邮 <ul style="list-style-type: none"> • 表扬/投诉 	1	20		二选一
		总		60	30%	
2	年中考试 试卷（二） 1 小时 30 分钟	词语/成语填空	10	20		上册所有词汇
		综合填空	6	6		
		理解测验	7	14		技能考查参照课本单元学习单
		理解问答	10	40		技能考查参照课本单元学习单
		总		80	60%	
3	听力考试	选择题	10	20	10%	
		总分		160	100%	

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HIGHER CHINESE LANGUAGE

高华中三快捷年中考试

	测试	项目	必答题数	分数	分数比例	附注
1	年中考试 试卷 (一) 2 小时	作文 <ul style="list-style-type: none"> • 情境作文 • 论说文 • 说明文/议论文 (根据提供的材料写看法) 	1	60		技能考查参照课本单元学习单 三选一
		实用文 <ul style="list-style-type: none"> • 私人电邮 • 发表言论 	1	20		二选一
		总		80	40%	
2	年中考试 试卷 (二) 1 小时 45 分钟	词语/成语填空	10	15		上册所有词汇
		短文填空	5	10		
		病句改正	5	10		
		阅读理解一 (选择题+简短问答题)	5	10		技能考查参照课本单元学习单
		阅读理解二 (问答题)	8	33		技能考查参照课本单元学习单
		片段缩写	1	12		
		总		90	45%	
3	听力考试	选择题	10	20	5%	
4	口试	口试 <ul style="list-style-type: none"> • 朗读短文 • 看录像短片对话 		10 40		
		总		50	10%	
		总分		240	100%	

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MALAY LANGUAGE

Kertas	Komponen	Markah / Timbangan	Catatan
1	Bahagian A: E-mel Calon dikehendaki menjawab satu soalan daripada: a) E-mel tidak formal b) E-mel formal	20	Kamus Dewan boleh digunakan Masa peperiksaan: 2 jam
	Bahagian B: Karangan Calon dikehendaki menjawab satu soalan daripada karangan jenis: a) Deskriptif/Naratif b) Ekspositori c) Naratif	40	
	Jumlah	60 (40%)	
2	Bahagian A1: Imbuhan	10	Kamus Dewan tidak boleh digunakan. Masa peperiksaan: 1 jam 30 minit
	Bahagian A2: Peribahasa	10	
	Bahagian A3: Melengkapkan Teks	10	
	Bahagian B: Grafik Stimulus	10	
	Bahagian C: Kefahaman	30	
	Jumlah	70 (50%)	
3	Kefahaman Mendengar	20 (10%)	Masa peperiksaan: 30 minit

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PURE PHYSICS

Duration of Examination: Paper 1: 45 minutes

Paper 2: 1 hour 30 minutes

S/N	Topics	Format/ Weightings
1	Measurement	<u>Paper 1 (30 marks)</u> Multiple Choice Questions <u>Paper 2</u> <u>Section A (40 marks)</u> Structured Questions) <u>Section B (30 marks)</u> Long Structured Questions Total: 100 marks
2	Kinematics	
3	Forces	
4	Mass Weight and Density	
5	Turning effects of Forces	
6	Energy, Work and Power	
7	Pressure	

PURE CHEMISTRY

Duration of Examination: Paper 1: 45 minutes

Paper 2: 1 hour 30 minutes

S/N	Topics	Format/ Weightings
1	Measurement and Experimental Techniques	<u>Paper 1 (30 marks)</u> Multiple Choice Questions <u>Paper 2</u> <u>Section A (40 marks)</u> Structured Questions) <u>Section B (30 marks)</u> Long Structured Questions Total: 100 marks
2	Separation and Purification	
3	Kinetic Particle Theory	
4	Elements, Compounds and Mixtures	
5	Atomic Structure	
6	Ionic Bonding	
7	Covalent and Metallic Bonding	
8	Writing Chemical Equations	
9	Acids and Bases	
10	Salts	

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PURE BIOLOGY

Duration of Examination: Paper 1: 45 minutes

Paper 2: 1 hour 30 minutes

S/N	Topics	Format/ Weightings
1	Cells	<u>Paper 1 (30 marks)</u> Multiple Choice Questions <u>Paper 2</u> <u>Section A (40 marks)</u> Structured Questions) <u>Section B (30 marks)</u> Long Structured Questions Total: 100 marks
2	Movement of Substances	
3	Nutrients	
4	Enzymes	
5	Nutrition in Humans	
6	Nutrition in Plants	
7	Transport in Plants	
8	Transport in Humans (partial)	

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SCIENCE (Physics, Chemistry)

Duration of Examination: Paper 1: 45 minutes

Paper 2/3: 1 hour

S/N	Topics	Format/ Weightings
<u>Physics</u>		
1	Measurement	<u>Paper 1 (30 marks)</u> Multiple Choice Questions <u>Paper 2 (Physics)</u> <u>Section A (30 marks)</u> Structured Questions <u>Section B (20 marks)</u> Free Response Questions Choose 2 out of 3 questions
2	Kinematics	
3	Forces and Pressure	
4	Mass Weight and Density	
5	Turning effects of Forces	
6	Energy, Work and Power	
<u>Chemistry</u>		
1	Measurement and Experimental Techniques	<u>Paper 3 (Chemistry)</u> <u>Section A (30 marks)</u> Structured Questions <u>Section B (20 marks)</u> Free Response Questions Choose 2 out of 3 questions Total: 130 marks
2	Kinetic Particle Theory	
3	Separation and Purification	
4	Elements, Compounds and Mixtures	
5	Atomic Structure	
6	Ionic Bonding	
7	Covalent Bonding	
8	Chemical Equations	
9	Acid & Base	

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SCIENCE (Chemistry, Biology)

Duration of Examination: Paper 1: 45 minutes

Paper 3/4: 1 hour

S/N	Topics	Format/ Weightings
<u>Chemistry</u>		
1	Measurement and Experimental Techniques	<u>Paper 1 (30 marks)</u> Multiple Choice Questions
2	Kinetic Particle Theory	
3	Separation and Purification	<u>Paper 3 (Chemistry)</u>
4	Elements, Compounds and Mixtures	<u>Section A (30 marks)</u> Structured Questions
5	Atomic Structure	<u>Section B (20 marks)</u> Free Response Questions Choose 2 out of 3 questions
6	Ionic Bonding	
7	Covalent Bonding	<u>Paper 4 (Biology)</u>
8	Chemical Equations	<u>Section A (30 marks)</u> Structured Questions
9	Acid & Base	
<u>Biology</u>		
1	Cells	<u>Section B (20 marks)</u> Free Response Questions Choose 2 out of 3 questions
2	Movement of Substances	
3	Nutrients	
4	Enzymes	
5	Nutrition in Humans	
		Total: 130 marks

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MATHEMATICS

Duration of Examination: 2 hour (Paper 1) & 2 hour and 30 minutes (Paper 2)

S/N	Topics	Format / Weightings
1	(Includes all Secondary 1 & 2 Topics)	Paper 1: 80 marks (50%) 2hr Calculators Allowed Paper 2: 100 marks (50%) 2hr 30min Calculators Allowed
2	Mensuration (3 Dimensions)	
3	Matrices	
4	Trigonometry (2 Dimensions)	
5	Trigonometry (3 Dimensions, Bearings)	
6	Mensuration 3D (Radian Measure of angle, Arc Length, Area of Sector & Segment)	
7	Data Analysis I (Dot diagram, stem and leaf, histogram, mean, median and mode of grouped and ungrouped data)	
8	Data Analysis II (Cumulative frequency, box and whiskers, standard deviation)	

ADDITIONAL MATHEMATICS

Duration of Examination: 2 hour (Paper 1) & 2 Hour and 30 minutes (Paper 2)

S/N	Topics	Format / Weightings
1	Chapter 1: Simultaneous Equations, Polynomials & Partial Fractions	Paper 1: 80 marks (44%) 2hr Calculators Allowed Paper 2: 100 marks (56%) 2hr 30min Calculators Allowed
2	Chapter 2: Quadratic Equations, Inequalities & Modulus Functions	
3	Chapter 3: Binomial Theorem	
4	Chapter 4: Indices, Surds and Logarithms	
5	Chapter 5: Coordinate Geometry	

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COMBINED HUMANITIES (Social Studies/ Geography)

Duration of Examination: 1 hour 45 minutes for Social Studies and 1 hour 40 minutes for Geography

S/N	Topics	Format/ Weightings
<u>Social Studies</u>		
1	Chapter 1: What does it mean for me to be a citizen of my country?	Section A Source-Based Case Study (25 marks)
2	Chapter 2: How do we decide what is good for society?	Section B Structured-Response Question (15 marks)
3	Chapter 3: How can we work for the good of society?	Total mark is 40.
<u>Geography</u>		
1	Chapter 2: Variable Weather and Changing Climate: <ul style="list-style-type: none"> • Gateway 1: Why do different places experience different weather and climate? • Gateway 2: What is happening to the Earth's climate? 	Section A Field Study– Geographical Skills and Investigations (13 marks)
2	Chapter 3: Geographical Skills and Investigations <ul style="list-style-type: none"> • Gateway 2: Geographical data and techniques (Graphs) • Gateway 3: Geographical investigations 	Section B Structured Questions: Weather and Climate (12 marks)
		Section C Structured Essay Questions: Weather and Climate (25 marks)
		Total is 50 marks

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COMBINED HUMANITIES (Social Studies/ History)

Duration of Examination: 1 hour 45 minutes for Social Studies and 1 hour 40 minutes for History

S/N	Topics	Format/ Weightings
<u>Social Studies</u>		
1	Chapter 1: What does it mean for me to be a citizen of my country?	<u>Section A</u> Source-Based Case Study (25 marks)
2	Chapter 2: How do we decide what is good for society?	<u>Section B</u> Structured-Response Question (15 marks)
3	Chapter 3: How can we work for the good of society?	Total mark is 40.
<u>History</u>		
1	Chapters 1, 2 and 3.1 <ul style="list-style-type: none">Treaty of Versailles, League of Nations, Rise of Stalin, Impact of Stalin's rule on Soviet Union and Rise of Hitler	<u>Section A</u> Source-Based Case Study (30 marks) <u>Section B</u> Structured Essay Question (20 marks) Total mark is 50.

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COMBINED HUMANITIES (Social Studies/ Literature)

Duration of Examination: 1 hour 45 minutes for Social Studies and 1 hour 40 minutes for Literature

S/N	Topics	Format/ Weightings
<u>Social Studies</u>		Section A Source-Based Case Study (25 marks) Section B Structured-Response Question (15 marks) Total mark is 40.
1	Chapter 1: What does it mean for me to be a citizen of my country?	
2	Chapter 2: How do we decide what is good for society?	
3	Chapter 3: How can we work for the good of society?	
<u>Literature</u>		Section A Passage-based essay questions Section B Poem-based essay questions OR Prose-based essay questions Total Marks: 50
1	<u>Prose: <i>Here and Beyond: 12 stories</i></u> – Plot & Structure – Characterisation – Themes – Setting – Style	
2	<u>Unseen Poetry/Prose</u> – Subject Matter & Mood – Theme – Diction – Figurative Language – Rhyme & Rhythm – Sound	

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Pure Literature

S/N	Topics	Format/ Weightings
<u>Paper 1: Here and Beyond Set- Text & Unseen</u>		
1	<p><u>Prose: Here and Beyond: 12 stories</u></p> <ul style="list-style-type: none"> - Plot & Structure - Characterisation - Themes - Setting - Style 	<p>Section A Set-text Questions (25 marks)</p> <p>Section B Unseen Poetry OR Prose Questions (25 marks)</p> <p>Total Time: 1 Hour 40 Minutes Total mark is 50.</p>
2	<p><u>Unseen Poetry/Prose</u></p> <ul style="list-style-type: none"> - Subject Matter & Mood - Theme - Diction - Figurative Language - Rhyme & Rhythm - Sound 	
<u>Paper 2: Drama Set-Text</u>		
	<p><u>Drama: Pygmalion</u></p> <ul style="list-style-type: none"> - Plot & Structure - Characterisation - Themes - Setting - Style 	<p><u>Paper 2</u> Essay question (25marks) Passage-based question (25marks)</p> <p>Total Time: 1 Hour 30 Minutes Total mark is 50.</p>

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PRINCIPLES OF ACCOUNTS

Duration of Examination: Paper 1: 1 hour; Paper 2: 2 hours

S/N	Topics	Format / Weightings
1	Chapter 1 Introduction to Accounting Chapter 2 The Accounting Information System Chapter 3 Elements of the Financial Statements and the Accounting Equation Chapter 4 The concept of Double Entry Chapter 5 Special Journals / Source Documents Chapter 8 Trial Balance (with adjustments) Chapter 9 Income Statement (with adjustments) Chapter 10 Balance Sheet (with adjustments)	<u>Paper 1</u> <ul style="list-style-type: none">• 40 marks• Answer all questions <u>Paper 2</u> <ul style="list-style-type: none">• 60 marks• Answer all questions

DESIGN & TECNOLOGY

Duration of Examination: 2 hours

S/N	Topics	Format / Weightings
1	Theory Paper: Part A - Design method Project Management Research Definition of Needs Generating Ideas Working drawing Practical Process for Realisation Part B- Structures Mechanism	100 marks / 40% Part A: 40marks Part B: 60 marks
2	Coursework (journal and mockup)	60 marks (60%) Problem based coursework already completed.

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FOOD & NUTRITION

Duration of Examination: 2 hours

S/N	Topics	Format / Weightings
1	Theory Paper: Chap 1-8, 10-12 Chapter 1: Energy from Food Chapter 2: Guidelines for Meal Planning Chapter 3: Different Types of Nutritional Needs Chapter 4: Carbohydrates Chapter 5: Cereals Chapter 6: Fats Chapter 7: Proteins Chapter 8: Meat & Alternatives Chapter 10: Vitamins Chapter 11: Minerals Chapter 12: Water & Dietary Fibre	100 marks (50%) Section A: 25 marks Short answers structured questions Section B : 30 marks Data based structured questions Section C :45 marks Essay questions
2	Coursework	44 marks (50%) Problem based coursework.

ART

Duration of Examination: NA

S/N	Topics	Format / Weightings
	1. First Hand Studies (2 different mediums) 2. Transformation or Stylised Work 3. To be completed on Mid-Year Examination	100 marks (100%)