



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: English

Year: 9

Teacher's Name: Craig Arnold

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Animal Farm	To understand the historical context of Animal Farm
	10 <sup>th</sup> January	Animal Farm	To understand Chapter 1 'All Animals are Comrades.'
	17 <sup>th</sup> January	Animal Farm	To understand Chapter 2 'Snowball was a more vicious pig.'
	24 <sup>th</sup> January	Animal Farm	To understand different forms of power To understand how to explode quotations
	14 <sup>th</sup> February	Animal Farm	To understand Chapter 3 and 4 To understand the presentation of the farmers
	21 <sup>st</sup> February	Animal Farm	To understand Chapter 5 and 6 and the links to USSR industrialisation
	28 <sup>th</sup> February	Animal Farm	To understand Chapter 7 and the Stalinist idea of 'the fault in ourselves'
	7 <sup>th</sup> March	Animal Farm	To understand Napoleon's distancing
	14 <sup>th</sup> March	Animal Farm	To understand how the novel ends effectively
	21 <sup>st</sup> March	Animal Farm	To understand the key themes and ideas of the novel
28 <sup>th</sup> March	END of TERM EXAMS	Assessment based on Animal Farm extract	



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Mathematics

Year: 9

Teacher's Name: Mr Cox

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Conjecturing	<ul style="list-style-type: none"> <li>Apply angle facts to derive results about angles and sides</li> <li>Create a geometrical proof</li> <li>Know the conditions for triangles to be congruent</li> </ul>
	10 <sup>th</sup> January		<ul style="list-style-type: none"> <li>Use the conditions for congruent triangles</li> <li>Use congruence in geometrical proofs</li> <li>Solve geometrical problems involving similarity</li> <li>Know the meaning of a Pythagorean triple</li> </ul>
	17 <sup>th</sup> January	Combinatorics	<ul style="list-style-type: none"> <li>Understanding and applying systematic counting</li> <li>Using counting by multiplying – introducing the factorial function</li> <li>Applying the Choose function to problems</li> </ul>
	24 <sup>th</sup> January	Review	
	14 <sup>th</sup> February	Calculating Space	<ul style="list-style-type: none"> <li>Know circle definitions and properties, including: tangent, arc, sector and segment</li> <li>Calculate the arc length of a sector, including calculating exactly with multiples of <math>\pi</math></li> <li>Calculate the area of a sector, including calculating exactly with multiples of <math>\pi</math></li> <li>Calculate the angle of a sector when the arc length and radius are known</li> <li>Calculate the surface area of a right prism</li> </ul>
	21 <sup>st</sup> February		<ul style="list-style-type: none"> <li>Calculate the surface area of a cylinder, including calculating exactly with multiples of <math>\pi</math></li> <li>Know and use Pythagoras' theorem</li> <li>Calculate the hypotenuse of a right-angled triangle using Pythagoras' theorem in two dimensional figures</li> </ul>
	28 <sup>th</sup> February		<ul style="list-style-type: none"> <li>Calculate one of the shorter sides in a right-angled triangle using Pythagoras' theorem in two dimensional figures</li> <li>Solve problems using Pythagoras' theorem in two dimensional figures</li> </ul>



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Mathematics

Year: 9

Teacher's Name: Mr Cox

7 <sup>th</sup> March	Algebraic Proficiency	<ul style="list-style-type: none"><li>• Identify and interpret gradients of linear functions algebraically</li><li>• Identify and interpret intercepts of linear functions algebraically</li><li>• Use the form <math>y = mx + c</math> to identify parallel lines</li><li>• Find the equation of a line through one point with a given gradient</li><li>• Find the equation of a line through two given points</li><li>• Interpret the gradient of a straight line graph as a rate of change</li><li>• Plot graphs of quadratic functions</li><li>• Plot graphs of cubic functions</li><li>• Plot graphs of reciprocal functions</li></ul>
14 <sup>th</sup> March		
21 <sup>st</sup> March		
28 <sup>th</sup> March		
		END of TERM EXAMS



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Science

Year: Year 9

Teacher's Name: Ian Linsell

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Forces, Motion and Pressure	<p>That the movement of an object can be described in a range of ways, including scientifically</p> <p>That the shape of an object affects the way it falls through the air</p> <p>That unbalanced forces cause an object to accelerate; this can be a change in speed or direction</p> <p>That balanced forces have no effect on the motion of an object</p>
	10 <sup>th</sup> January	Forces, Motion and Pressure	<p>That average speed can be calculated by measuring the distance an object covers in a set period of time</p> <p>How to use the equation 'average speed = distance ÷ time' to calculate the speed of an object</p> <p>HSW: What we mean by precision in timings</p> <p>Different sensors can be used to measure the speed of an object</p> <p>Electronic sensors are more accurate and precise than stopwatches</p> <p>HSW: That the motion of an object can be represented graphically</p> <p>How to interpret distance–time graphs</p>
	17 <sup>th</sup> January	Forces, Motion and Pressure	<p>That air resistance acts against a moving object and increases as the speed of the object increases</p> <p>That drag can be reduced by streamlining an object</p> <p>That objects fall towards the centre of the Earth due to the gravitational attraction causing an object's weight</p> <p>That a falling object accelerates until the drag matches the weight of the object</p>



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Science

Year: Year 9

Teacher's Name: Ian Linsell

		<p>That a force produces pressure when it acts over an area</p> <p>The size of the pressure is equal to the force divided by the area it acts over</p>
24 <sup>th</sup> January	Forces, Motion and Pressure	<p>The deeper into a liquid (or gas) the higher the pressure inside that liquid</p> <p>That liquids and gases exert pressure due to their particles hitting the sides of a container producing forces</p> <p>That the moment of a force is the force multiplied by the (perpendicular) distance to the pivot</p> <p>That a lever is balanced when the moments in one direction are equal to the moments in the other direction (clockwise and anticlockwise)</p>
14 <sup>th</sup> February	Forces, Motion and Pressure	<p>Revision</p> <p>End of Unit Test</p>
21 <sup>st</sup> February	Chemical Reactions	<p>The difference between a reversible and irreversible change</p> <p>The difference between a chemical reaction and a physical change</p> <p>How to record a chemical change</p> <p>What is combustion</p> <p>What the combustion products of wax are</p>
28 <sup>th</sup> February	Chemical Reactions	<p>What a fuel is</p> <p>How to find out how much energy a fuel can transfer</p> <p>How the combustion of fuels might affect the environment</p> <p>The difference between the greenhouse effect and global warming</p>
7 <sup>th</sup> March	Chemical Reactions	<p>What is oxidation</p> <p>What the product of oxidation is</p> <p>What happens when an acid reacts with a metal carbonate</p>



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Science

Year: Year 9

Teacher's Name: Ian Linsell

			HSW: That all metal carbonates produce similar products when they react with acid
14 <sup>th</sup> March	Chemical Reactions		HSW: The difference between an acid and a base HSW: What is neutralisation HSW: How to make a salt  What is an exothermic change What is an endothermic change
21 <sup>st</sup> March	Chemical Reactions		That mass is conserved during a chemical reaction HSW: The difference between an open and a closed system
28 <sup>th</sup> March	END of TERM EXAMS		



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Geography

Year: 9

Teacher's Name: Mr. M. L. O'Brien

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Tides and waves	<i>Skills Focus: Acquisition of knowledge and key terms relating to the physical environment, understanding natural processes and global issues.</i> What causes waves? How do waves shape the coast?
	10 <sup>th</sup> January	Erosion processes	Key Terms: erode, transport, deposit, longshore drift
	17 <sup>th</sup> January	Deposition Processes	What are these and how are they formed? Beach, bay, headland, cave, arch, stack, stump, wave-cut platform, spit, salt marsh
	24 <sup>th</sup> January	Weathering	Storm surges and examples of weathering
	14 <sup>th</sup> February	Climate change and coasts	Why is the coastline eroding fast? UK case studies
	21 <sup>st</sup> February	Tourism	Case studies and presentations
	28 <sup>th</sup> February	Coastal case studies	What kinds of structures do we build, to protect land and homes from the sea?
	7 <sup>th</sup> March	Coastal management decision making	What are government's plans for coastal defences?
	14 <sup>th</sup> March	Exam Technique	Model answers, questions, peer assessment, scaffolding
	21 <sup>st</sup> March	Exam Revision	Different techniques for recalling knowledge, timing, essay writing
	28 <sup>th</sup> March	END of TERM EXAMS	Invigilation and marking



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: History

Year: 9

Teacher's Name: Chris Davis

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	1920s-30s	<ul style="list-style-type: none"><li>- Examine the achievements of the 'Roaring 20s'</li><li>- Explain why the world was in crisis during the 1930s</li></ul>
	10 <sup>th</sup> January	Causes of WW2	<ul style="list-style-type: none"><li>- Explain the main causes of WW2</li><li>- Judge which cause was the most important</li></ul>
	17 <sup>th</sup> January	Start of WW2	<ul style="list-style-type: none"><li>- Explain why Nazi ideology made another war likely</li><li>- Evaluate the success/failure of appeasements</li></ul>
	24 <sup>th</sup> January	1939-1941	<ul style="list-style-type: none"><li>- Investigate why Nazi Germany was so successfully during the early years of WW2</li><li>- Evaluate the Britain's decision to remain in WW2</li></ul>
	14 <sup>th</sup> February	Barbarossa	<ul style="list-style-type: none"><li>- Explain why Nazi Germany decided to invade the USSR</li><li>- Investigate the extent to which the invasion was a success using evidence</li></ul>
	21 <sup>st</sup> February	Pearl Harbor	<ul style="list-style-type: none"><li>- Examine the context of growing tensions between Japan and the USA</li><li>- Explain why Japan decided to attack the USA</li></ul>
	28 <sup>th</sup> February	Eastern Front and D-Day	<ul style="list-style-type: none"><li>- Investigate one of the major events of 1942-45</li><li>- Argue for the importance of an event before the class</li></ul>
	7 <sup>th</sup> March	War in the Pacific	<ul style="list-style-type: none"><li>- Investigate the effects of the atomic bombings of Japan</li><li>- Judge whether the bombings were justified</li></ul>
	14 <sup>th</sup> March	Why did the Allies win?	<ul style="list-style-type: none"><li>- Evaluate the reasons for the Allied victory in WW2</li><li>- Describe the aftermath of WW2</li></ul>
	21 <sup>st</sup> March	Review	N/A
	28 <sup>th</sup> March	END of TERM EXAMS	N/A





# Britannica International School, Shanghai

## Secondary Long-Term Plan 2021-22



Subject: Art & Design

Year: 9

Teacher's Name: Ineke Oosthuizen

Term	Week Beg.	Topic	Learning Objectives														
2	3 <sup>rd</sup> January 10 <sup>th</sup> January 17 <sup>th</sup> January	Print making <i>Henri Matisse</i> – Lino carving	<p>The students are introduced to 'lino' carving and printing. They learn about <i>Matisse's</i> lino carvings and stencil work.</p> <table border="1" data-bbox="1458 608 2027 794"> <thead> <tr> <th>Art Elements:</th> <th>Art Principles:</th> </tr> </thead> <tbody> <tr> <td>Line</td> <td>Proportion</td> </tr> <tr> <td>Shape &amp; Form</td> <td>Pattern</td> </tr> <tr> <td>Space</td> <td>Emphasis</td> </tr> <tr> <td>Texture</td> <td>Variety</td> </tr> <tr> <td>Colour</td> <td>Balance</td> </tr> <tr> <td></td> <td>Rhythm &amp; Movement</td> </tr> </tbody> </table> <p><b>Practical:</b> Applying their knowledge of the elements and principles to their work the students design and carve designs inspired by the work of <i>Matisse</i>.</p>	Art Elements:	Art Principles:	Line	Proportion	Shape & Form	Pattern	Space	Emphasis	Texture	Variety	Colour	Balance		Rhythm & Movement
	Art Elements:	Art Principles:															
Line	Proportion																
Shape & Form	Pattern																
Space	Emphasis																
Texture	Variety																
Colour	Balance																
	Rhythm & Movement																
24 <sup>th</sup> January 14 <sup>th</sup> February 21 <sup>st</sup> February 28 <sup>th</sup> February	<p>Introduction to <i>Art Nouveau</i></p> <p>Introduction to <i>Alphonse Mucha</i></p> <p>Introduction to Lithography</p>	<p>The students will learn about <i>Alphonse Mucha</i> and his famous <i>Art Nouveau</i> poster designs.</p> <p><b>Practical:</b> Students will design and create posters of a female role model replicating the style of <i>Alphonse Mucha</i> using the lithography and other techniques.</p>															

# Britannica International School, Shanghai

## Secondary Long-Term Plan 2021-22



Subject: Art & Design

Year: 9

Teacher's Name: Ineke Oosthuizen

	7 <sup>th</sup> March 14 <sup>th</sup> March 21 <sup>st</sup> March 28 <sup>th</sup> March	Introduction to historical Cuban Propaganda posters	The students will learn about Cuban propaganda posters and touch on the brief history of the Cuban cold war.  The students will write a 300 - 500-word summary on a Cuban Cold War Propaganda artist.  <b>Practical:</b> The students plan and create posters based on Cuban Propaganda Art.
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# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Computer Science

Year: 9

Teacher's Name: Laurence Bell

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	<b>Video/Sound Editor/Narration:</b>	<b>Holiday</b>
	10 <sup>th</sup> January	<b>Video/Sound Editor/Narration:</b>	Bss to collect graphics and moving graphic backgrounds. Record narration.
	17 <sup>th</sup> January	<b>Video/Sound Editor/Narration:</b>	Cont.... Edit timeline
	24 <sup>th</sup> January	<b>Video/Sound Editor/Narration:</b>	Cont....Edit timeline Edit timeline Render movie as MP4.
	14 <sup>th</sup> February	<b>Introduction to Data Base: Access</b>	Access: Canvas lesson Teacher to show BSS the module in Canvas and walk through with them. Students to start activity
	21 <sup>st</sup> February	<b>Introduction to Data Base: Access</b>	Open Canvas and go to above assignment Teacher to walk BSS through. BSS to complete the activity.
	28 <sup>th</sup> February	<b>Introduction to Data Base: Access</b>	Cont....Open Canvas and go to above assignment Teacher to walk BSS through. BSS to complete the activity.
	7 <sup>th</sup> March	<b>Introduction to Data Base: Access</b>	Cont....Open Canvas and go to above assignment Teacher to walk BSS through. BSS to complete the activity.
	14 <sup>th</sup> March	<b>Sustainable cities Cross Curricular Geography project</b>	Introduction and walkthrough. Students to log into Minecraft and explore the environment. Watch video on urban planning, register SWOT analysis.
	21 <sup>st</sup> March	<b>Sustainable cities Cross Curricular Geography project</b>	On Canvas: CORPORATE IDENTITY Students a corporate identity for the construction company that will build a sustainable city. Students to create a group ID for a construction company with LOGO (Adobe Illustrator) and corporate mission statement.



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Computer Science

Year: 9

Teacher's Name: Laurence Bell

	28 <sup>th</sup> March	END of TERM EXAMS	
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# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Music

Year: 9

Teacher's Name: Richard Dorrington

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Blues Project	Introduction to Blues topic, historical and cultural context. Introduction to walking Bass line and 12 bar blues structure.
	10 <sup>th</sup> January	Blues Project	Understanding syncopation in Blues, listening and recognising various elements including improvisation.
	17 <sup>th</sup> January	Blues Project	Playing as part of a duet, LH walking bassline and RH major chords and dominant seventh chords.
	24 <sup>th</sup> January	Blues Project	Practicing as part of a duet, playing both roles and understanding musicianship and timing.
	14 <sup>th</sup> February	Blues	Improvising using minor pentatonic and blues scale over a 12-bar blues walking bass line.
	21 <sup>st</sup> February	Samba	Introduction to Samba Drumming, instruments and rhythms/ Background and historical context.
	28 <sup>th</sup> February	Samba	Continuation of historical and cultural context. Opportunity to play each instrument involved with Samba Percussion playing.
	7 <sup>th</sup> March	Samba	Second whole class Samba Bateria, with various sections included.
	14 <sup>th</sup> March	Samba	Improvised solos added to whole class samba
	21 <sup>st</sup> March	Samba	Form groups within the class and work towards a performance.
28 <sup>th</sup> March	Samba	Perform final performance to the rest of the class.	



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Physical Education

Year: 8 & 9

Teacher's Name: Ashley Nicholas & Anthony Chevrier

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	Athletics	To learn the safety aspects when performing, e.g., how to land, warm up properly as well as learn how to perform a basic accurate legal jump with consistent distance. To develop knowledge and understanding on how to measure accurately and improve distance.
	10 <sup>th</sup> January	Athletics	To learn how to evaluate own and others performance and provide constructive feedback to improve performance.
	17 <sup>th</sup> January	Swimming	To learn the safety rules and procedures for using the Britannica pool as well as develop the front crawl technique over short distances and understand two different shapes for entering deep water.
	24 <sup>th</sup> January	Swimming	To learn how interval training can be used to w/up in swimming. To develop the basic back crawl start leading into leg kick as well as basic sculling action over short distances.
	14 <sup>th</sup> February	Swimming	To learn the key teaching points for back crawl arm action as well as develop the arm technique for back stroke over short distances.
	21 <sup>st</sup> February	Swimming	To understand the importance of "turning feet out" for swimming breaststroke. To learn the key teaching points for swimming breaststroke leg action as well as understand a method of jumping into water whilst keeping the head above water.
	28 <sup>th</sup> February	Swimming	To learn several methods for treading water as well as understand the favourite method of treading water. To learn about the different methods which help maintain body heat in water.
	7 <sup>th</sup> March	Swimming	To develop the 25m Back crawl with good technique as well as basic surface diving action into deep water. To learn the key teaching points for swimming Breaststroke as well as understanding the names and locations of several main muscle groups.
	14 <sup>th</sup> March	Striking and Fielding	To learn how to adapt and develop skills as well as apply more specific techniques in activities in order to improve consistency, quality and use of techniques for a specific purpose.



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Physical Education

Year: 8 & 9

Teacher's Name: Ashley Nicholas & Anthony Chevrier

	21 <sup>st</sup> March	Striking and Fielding	To learn how to apply strategic and tactical principles more effectively in familiar situations as well as anticipate and respond to situations.
	28 <sup>th</sup> March	END of TERM EXAMS	



# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Mandarin

Year: Y9 Native

Teacher's Name: Helen Zhao

Term	Week Beg.	Topic	Learning Objectives
2	3 <sup>rd</sup> January	描述类文体相关知识的介绍	学习什么是描述类文体? 了解描述类文体的相关知识 尝试运用相关的知识 分析文章和习作 The meaning of descriptive style ? Understand the relevant knowledge of descriptive styles Try to use relevant knowledge to analyze articles and assignments
	10 <sup>th</sup> January	《昆明的雨》	1.了解昆明雨的特点。 2. 体会作者平淡自然的语言风格。 3. 学习作者通过拾取生活中的琐细事物表情达意的写作手法。 1.Understand the characteristics of Kunming Rain. 2. Experience the author's plain and natural language style. 3. Learn how the author expresses his meaning by picking up the trivial things in life
	17 <sup>th</sup> January	《昆明的雨》	尝试发现身边的琐细事物来完成习作 Try to discover the trivial things around you to complete the assignment
	24 <sup>th</sup> January	Chinese new year	
	14 <sup>th</sup> February	《白杨礼赞》	1.理解托物言志的写法，体会白杨树的象征意义。 2.理解本文的抒情线索，学习散文状物抒情的写法。 1. Understand the writing method of Tuwuyanzhi and appreciate the symbolic meaning of poplar trees. 2. Understand the lyrical clues in this article and learn how to write lyrical prose
	21 <sup>st</sup> February	《安塞腰鼓》	1. 词语积累。理解文章内容。□ 2. 理解排比、反复句子的含义及作用。





# Britannica International School, Shanghai



## Secondary Long-Term Plan 2021-22

Subject: Mandarin

Year: Y9 Native

Teacher's Name: Helen Zhao

		<p>3.品析关键语句，体会文章语言的节奏美、诗意美。</p> <p>1. Word accumulation. Understand the content of the article. □</p> <p>2. Understand the meaning and function of parallelism and repeated sentences.</p> <p>3. Analyze the key sentences and appreciate the rhythmic and poetic beauty of the language of the article.</p>
28 <sup>th</sup> February	《桃花源记》	<p>1 加深对一词多义、古今异义等语言现象的认识。</p> <p>2.朗读、背诵课文，理解并积累文言实词、虚词，如“皆、具、妻子、交通”等。</p> <p>3.掌握本文以渔人的行踪为线索来叙事的手法</p> <p>1.To deepen the understanding of linguistic phenomena such as polysemous and different meanings of a word.</p> <p>2. Read and recite the text, understand and accumulate content and function words in classical Chinese, such as "Jie, Gu, Wife, Jiaotong", etc.</p> <p>3. Master the narrative method of this article using the fisherman's whereabouts as a clue</p>
7 <sup>th</sup> March	《桃花源记》	<p>1. 讨论世外桃源所寄托的社会理想,根据文本进行创意写作</p> <p>1. Discuss the social ideals entrusted by Xanadu, and write creatively based on the text</p>
14 <sup>th</sup> March	《三峡》	<p>1.积累文言词汇，疏通文义，感知课文内容。(重点)</p> <p>2. 掌握景物的特点和描写方法，把握作者的情感</p> <p>1. Accumulate classical Chinese vocabulary, clear the meaning of the text, and perceive the content of the text. (Emphasis)</p> <p>2. Grasp the characteristics and description methods of the scenery, and grasp the emotions of the author</p>
21 <sup>st</sup> March	综合练习 End-of-term Revision	
28 <sup>th</sup> March	END of TERM EXAMS	