

CURRICULUM OVERVIEW YEAR 8

Subject	Term 1	Term 2	Term 3
English	<p><u>Languages of the World</u> -Opinions about learning languages (writing and speaking); gestures and body language in different cultures; exploring idioms; using emojis in various contexts</p> <p><u>Design and Architecture</u> Exploring and comparing classic and modern architecture; describing architecture while speaking and writing; discussing shapes and packages of everyday items; exploring “design classics”</p> <p><u>Our Society</u> - describing the cities and countries we have lived in; pros and cons of living in rural or urban areas; discussing and writing about how we can make a difference in our communities</p> <p>Reading poems such as: <i>I Speak the Language; Shop Chat; Toboggan; A Daring Young Gymnast; The Doves of Damascus; I Shall Go Back</i> Reading Non-fiction such as <i>A History or Pictures for Children</i></p>	<p><u>Advertising</u> -Discussing what makes successful advertisements; Comparing different advertisements; comparing layouts of stores; discussing well-known brands; making own advertisements; presenting advertisements or commercials</p> <p><u>Natural Resources</u> - Discussing natural resources and writing informative accounts; generation of energy and presentation about sources of energy; create poster or write speech about environmental issues; discuss importance of water and/or rainforests and photosynthesis; role-play a debate about the environment</p> <p><u>Natural Wonders</u> - explore natural wonders such as bioluminescence or geographical features; write recommendation for World Heritage Site; presentations about natural wonder of the world; compare and contrast two wonderful animals or natural sites</p> <p>Reading fiction such as <i>The Adventures of Tom Sawyer, The Whale Rider</i> Reading speeches such as <i>No One Is Too Small to Make a Difference</i></p>	<p><u>Historical Figures</u> - discuss and read about important figures from history; Write short biographies; write and conduct an interview with a famous figure; give presentation; make a gallery exhibition</p> <p><u>Storytelling</u> - discuss, compare, and contrast stories and books we enjoy; Narrate a story to an audience; write and/or perform a scene from a play; write and present own life story</p> <p><u>Music</u> - write personal account of what music means to you; listen to and write opinions about pieces of music; discuss music as a universal language; write pieces about favourite musicians; give presentation about world music</p> <p>Reading fiction such as <i>Aladdin, Tidalick</i>, Reading non-fiction such as biographies of famous musicians</p>
Khmer	<p><u>Superhero</u></p> <ul style="list-style-type: none"> - Comparing characters - Adjectives - Reading comprehension <p><u>Literature</u></p> <ul style="list-style-type: none"> - Synonyms - Adjectives - Retelling techniques <p><u>Khmer poem</u></p> <ul style="list-style-type: none"> - Rhyming - Types of poem - Main ideas - Writing 	<p><u>Advantages of news</u></p> <ul style="list-style-type: none"> - Reading comprehension - Facts - Subject pronouns <p><u>Responsibility</u></p> <ul style="list-style-type: none"> - Summarizing news - Fiction and non-fiction - Announcements <p><u>In the past</u></p> <ul style="list-style-type: none"> - Diaries - Reading: Pol Pot - Grammar: ០: 	<p><u>Telecommunication in Cambodia</u></p> <ul style="list-style-type: none"> - Types of Letters - Degree of adjectives - Comprehension <p><u>Products</u></p> <ul style="list-style-type: none"> - Products in Cambodia - Reading comprehension - Adverbs <p><u>Time</u></p> <ul style="list-style-type: none"> - Poems - Grammar: “:” - Listening and responding to questions
Chinese	<p><u>Public transportation</u></p> <ul style="list-style-type: none"> - City bus 	<p><u>Clothes</u></p> <ul style="list-style-type: none"> - Favourite clothes 	<p><u>Holidays and Festivals</u></p> <ul style="list-style-type: none"> - School holidays

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	<ul style="list-style-type: none"> - Getting around <p><u>Private vehicles</u></p> <ul style="list-style-type: none"> - Cars - Bicycles <p><u>Colours</u></p> <ul style="list-style-type: none"> - Favourite colours - Colour + n. 	<ul style="list-style-type: none"> - Formal clothes & school uniform <p><u>Weather</u></p> <ul style="list-style-type: none"> - Adjectives - Retelling techniques <p><u>Seasons & climate</u></p> <ul style="list-style-type: none"> - Four seasons in other countries - Climate in Cambodia 	<ul style="list-style-type: none"> - Traditional festivals - Festivals and celebration in other countries <p><u>Hobbies</u></p> <ul style="list-style-type: none"> - Music - Art - Sport - Other free-time activities
History	<p><u>Medieval History</u></p> <ul style="list-style-type: none"> - To examine the importance of religion in medieval times. - What were the Crusades and why did people join them? - What was the importance of the Magna Carta? - What was the Black Death and what impact did it have both in Europe and the wider world? 	<p><u>Black History and civil rights</u></p> <ul style="list-style-type: none"> - To examine the issues that faced African Americans in the USA as well as the impact caused by the Jim Crow Laws after Emancipation. - Who were the civil rights groups and what impact did they have in the USA? - To examine whether Martin Luther King Jr's support was crucial to success? 	<p><u>20th Century conflicts</u></p> <ul style="list-style-type: none"> - To examine the rise and the fall of Nazi Germany between the 1930s and 1940s. - To explore the causes and effects of the Rwandan Genocide as well as the impact that the genocide had on Rwandan society (links to Cambodian Genocide?)
Geography	<p><u>Ecosystems</u></p> <ul style="list-style-type: none"> - To examine what a biome is as well as the challenges facing different biomes around the world. - To describe and explain the adaptations that plants and animals have to survive in different ecosystems around the world. <p><u>Development</u></p> <ul style="list-style-type: none"> - Using a case study of Haiti, to explore the issues that Haiti faces as it struggles to move from an LIC to an MIC. - To examine the causes of weak development around the world, and the potential solutions given at a local and global scale to improving opportunities for people socially and economically. 	<p><u>Tourism</u></p> <ul style="list-style-type: none"> - How can we map tourism around the world? - What are the advantages and disadvantages of tourism? - Ecotourism debate in Cambodia. Should an eco-tourist lodge come to Cambodia? <p><u>Weather and Climate</u></p> <ul style="list-style-type: none"> - What is the difference between weather and climate? - What factors affect weather? 	<p><u>Tectonic Hazards</u></p> <ul style="list-style-type: none"> - What is the plate tectonic theory? - How do volcanoes and earthquakes form? - What are the dangers of earthquakes and volcanoes? <p><u>Population</u></p> <ul style="list-style-type: none"> - What is population change? - What are the issues surrounding ageing populations? - What is a population pyramid? - How can we show population density by using a choropleth map?

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		<ul style="list-style-type: none"> - How do tropical storms form? - What is the impact of our warming planet? 	
Maths	<p><u>Number</u></p> <ul style="list-style-type: none"> - Factors and multiples - Roots, powers and indices - Place value and rounding - Working with decimals <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Expressions, equations and formulae - Factorising and expanding <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Parallel lines - Interior and exterior angles <p><u>Probability and Statistics</u></p> <ul style="list-style-type: none"> - Representing and collecting data 	<p><u>Number</u></p> <ul style="list-style-type: none"> - Working with fractions - Working with percentages - Ratio and proportion <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Generating sequences - Finding the nth term <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Quadrilaterals and polygons - Circumference of a circle 	<p><u>Number</u></p> <ul style="list-style-type: none"> - Review <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Plotting graphs - Gradient and intercept <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Transformations - Unit conversion - Volume and surface area <p><u>Probability and Statistics</u></p> <ul style="list-style-type: none"> - Theoretical and experimental probability - Interpreting and discussing results
Biology	<p><u>Respiration</u></p> <ul style="list-style-type: none"> - Explore how plants need carbon dioxide, water and light for photosynthesis in order to make biomass and oxygen. - Describe the absorption and transport of water salts in flowering plants. Food and digestion - Identify the constituents of a balanced diet and the functions of various nutrients. - Understand the effects of nutritional deficiencies. - Digestive system. - Recognise the organs of the alimentary canal and know their functions. - Understand the function of enzymes as biological catalysts in breaking down food to simple chemicals. 	<p><u>Ecosystem</u></p> <ul style="list-style-type: none"> - Learn what an ecosystem is - Think about some of the different habitats in a desert ecosystem - Learn about some of the many different kinds of ecosystem on Earth - Describe some of the different habitats in an ecosystem - Learn about how new or invasive species can affect an ecosystem - Find out about DDT - Use a model to explain what happens to DDT in a food chain - learn what bioaccumulation is, and why it happens 	<p><u>Diet and Growth</u></p> <ul style="list-style-type: none"> - Learn about the six types of nutrients that everyone needs to eat - Find out what is meant by a balanced diet - Think about the nutrients you should try to eat each day - Learn why you should try not to eat too much of some nutrients - Learn how growth takes place - Find out about the difference between growth and development - Think about how your diet and the amount of exercise you take affects your growth, development and health - Learn how smoking affects health. - Learn about hinge joints and ball-and-socket joints - Find out how a pair of muscles moves the arm at the elbow

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Chemistry	<p><u>Properties of materials:</u></p> <ul style="list-style-type: none"> - Investigate the properties of solutions - Make solutions of different concentrations and compare the number of solute particles - Investigate solubility - Plan an investigation, considering all variables - Use paper chromatography to separate dissolved substances 	<p><u>Materials and their structures:</u></p> <ul style="list-style-type: none"> - Describe the structure of the atom - List the particles found in an atom - Describe some of the properties of the particles found in an atom - Explain what is meant by purity - Calculate percentage purity - Describe how it is difficult to get a pure product - Learn the difference between weather and climate - Learn about how the Earth's climate has changed in past - Find out about ice ages, glacial periods and interglacial periods - Look at some of the evidence that the Earth's climate cycles between colder and warmer periods. - Learn about the atmosphere of the Earth - Learn how a change in the atmosphere can affect the climate - Learn about renewable resources 	<p><u>Chemical Reactions:</u></p> <ul style="list-style-type: none"> - Learn about chemical reactions that give out energy - Learn about chemical reactions that absorb energy - Distinguish between exothermic and endothermic reactions and processes - Describe the reactions of some metals with oxygen - Carry out an investigation - Compare how reactive some metals are with oxygen - Describe the reactions of some metals with water - Carry out an investigation - Compare how reactive of some metals are with water - Describe the reactions of some metals with dilute acid - Plan an investigation - Carry out an investigation safely - Compare how reactive some metals are with dilute acid
Physics	<p><u>Forces and energy:</u></p> <ul style="list-style-type: none"> - Understand what is meant by balanced and unbalanced forces - Describe the effects of balanced and unbalanced forces on motion - Understand what is meant by speed and learn about the unit of speed - Be able to calculate speed - Understand what a distance/time graph shows and learn to draw the graphs - Learn how to use graphs to describe movement - Recognise when a force causes something to turn - Know how to use the term moment - Be able to calculate the moment caused by a force 	<p><u>Light:</u></p> <ul style="list-style-type: none"> - Describe how light is reflected from a plane surface - Understand the law of reflection - Be able to draw ray diagrams to show reflection of light - Describe how light is refracted at the boundary between air and glass or air and water - Describe how light changes speed when it passes between different substances - Draw ray diagrams to show how light is refracted. - Learn how white light is made from many colors - Discover how dispersion of white light can be done with a prism 	<p><u>Magnetism:</u></p> <ul style="list-style-type: none"> - Describe a magnetic field - Understand that magnetic fields surround magnets - Understand how magnetic fields interact. - Discover that the Earth has a magnetic field - Learn that the core of the Earth acts as a magnet. - Describe how to make an electromagnet - Recall some applications of electromagnets - Discover which factors (or variables) affect the strength of an electromagnet - Investigate how these variables affect the strength of an electromagnet

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	<ul style="list-style-type: none"> - Recognise that forces can cause pressure on an area - Understand what affects pressure - Be able to calculate the pressure caused by a force on an area - Understand how particle movement causes pressure in liquids and gases - Describe how random movements of particles causes diffusion - Understand how diffusion happens in liquids and gases 	<ul style="list-style-type: none"> - Be able to recall the colors of white light in the correct order. - Discover what happens when colors of light are added and subtracted. - Discover why we see different colors - Discover that galaxies contain dust, gas, stars and other solar systems - Discover that asteroids are rocks that are smaller than planets - Know that scientists believe asteroids to be rocks left over from the formation of the Solar System 	
Art	<p><u>Surrealism</u></p> <ul style="list-style-type: none"> - Research study of main artists Dali, De Chirico and Magritte. - Looking at how the artists use 4 surreal devices to create different effects within their work. 	<p><u>Impressionism</u></p> <ul style="list-style-type: none"> - Research study of main artists Monet, Cezanne and Degas. - Using colour and materials to create a sense of time, place and seasons. Using own photography of Phnom Penh to create an impressionist image. 	<p><u>Vincent van Gogh</u></p> <ul style="list-style-type: none"> - Research study of the main artist to discover his inspirations, history, techniques and symbology. - Using colour and materials to create a sense of movement and texture. Using own photography to create an image inspired by van Gogh.
Music	<p><u>African Drumming</u></p> <ul style="list-style-type: none"> - Learning to play various african instruments - Historical context - Performing in groups - Creating a group performance using different techniques <p><u>Music Tech: Hip-Hop</u></p> <ul style="list-style-type: none"> - Creating an original verse-chorus hip-hop track using a DAW. <p><u>The Blues</u></p> <ul style="list-style-type: none"> - Historical context and fihures - Perform an original 12 bar blues ensemble using different instruments - Basic improvisation using the blues scale. 	<p><u>Music Tech: Movie Trailer</u></p> <ul style="list-style-type: none"> - Learn about movie genres and their related musical features. - Using midi keyboard, add a soundtrack to a scene to express the genre and what is happening in the video. <p><u>Rock Band: What's Up</u></p> <ul style="list-style-type: none"> - Learn all the instrument parts and perform in a band. <p><u>Body Percussion</u></p> <ul style="list-style-type: none"> - Explore making sounds using the body only. - In groups, create a Binary form performance showing off all the techniques studied. 	<p><u>Pop Music</u></p> <ul style="list-style-type: none"> - The history and development of the 4-chord system. - Playing the 4 chords on all instruments. <p><u>Zombie</u></p> <ul style="list-style-type: none"> - Learn instrumental parts and perform in bands including guitar, voice, drums, keyboard and bass. - Historical context. <p><u>Songwriting</u></p> <ul style="list-style-type: none"> - Write song lyrics, choosing chords and style. - Perform and record instruments using DAW.