

Subject	<u>Term 1</u>	<u>Term 2</u>	<u>Term 3</u>
English	<p><u>Making connections</u> -Describing family members; tracing ancestry across continents - Meeting and greeting around the world; famous gifts; suggestions for gift giving in different cultures</p> <p><u>Time to celebrate</u> - Celebrations, festivities, and traditions from around the world</p> <p><u>What we wear, what we taste</u> - Fashion and cuisine from around the world - Reading fiction, such as: <i>To Give</i> by Vimal Shinagadia - Reading poetry from various cultures</p>	<p><u>From A to B</u> - transport and propulsion systems from around the world - comparing and writing about aspects of different cities</p> <p><u>The Great Outdoors</u> - exploring nature and camping - comparing and writing about geography of various countries</p> <p><u>Sports and games</u> - exploring sports, equipment, and athletes - comparing and writing about modern and ancient Olympic games</p> <p>Reading fiction such as: <i>Hullabaloo in the Guava Orchard</i>; <i>Bend it like Beckham</i></p>	<p><u>Success</u> - exploring different occupations and jobs; writing about personal strengths and skills; personality quiz</p> <p><u>In the news</u> - exploring history of news; distinguishing between real news and fake news</p> <p><u>The digital world</u> -survey on using digital devices; phones and their uses; digital challenges</p> <p>Reading non-fiction such as: <i>The Boy Who Harnessed the Wind</i>; <i>Separated @ Birth</i>; <i>A History of the World in 100 Objects</i></p>
Khmer	<p><u>Sports and games</u> - Events in the story - Character traits - Making inference</p> <p><u>Modern community</u> - Character and setting - Using context (guessing the meaning of the words) - Directions</p> <p><u>Manner</u> - Identifying events from the story - Grammar using "... " ៖ « ... » - Poem “male's rule” - Writing a short story</p>	<p><u>Plants in our country</u> - Non-fiction - Grammar: Proper nouns - Writing a short paragraph - Reading comprehension</p> <p><u>Best friend</u> - Moral of the story - Describing people - Subject pronouns</p> <p><u>Communication</u> - Cause and effect - Grammar “៖” - Poem</p>	<p><u>Cambodian food</u> - Grammar: verb, adverb - Poem: បញ្ជីម្ហូបអាហារខ្មែរ - Reading comprehension</p> <p><u>Geography in Cambodia</u> - Poem - Reading comprehension - Describing places</p> <p><u>Sources of water in Cambodia</u> - Water pollutions and saving water - Grammar “៖”</p>
Chinese	<p><u>Basic Greetings</u> - Saying hello to people and introducing oneself - Recognising names of radicals and character parts</p> <p><u>Time and Date</u></p>	<p><u>Family members</u> - Describing family members - Being familiar with names of radicals and character parts</p>	<p><u>Countries and continents</u> - Naming different countries - Matching the country to its continent</p> <p><u>Languages</u></p>

	<ul style="list-style-type: none"> - Days of the week - month, year - Talking about birthday <p><u>Accommodation</u></p> <ul style="list-style-type: none"> - Houses and flats - The area you live in 	<p><u>Jobs & Workplaces</u></p> <ul style="list-style-type: none"> - Parents' jobs - Dream jobs <p><u>Education</u></p> <ul style="list-style-type: none"> - School year - Teachers & classmates 	<ul style="list-style-type: none"> - Matching countries to the languages - Trying to write new words with different character parts <p><u>Poetry</u></p> <ul style="list-style-type: none"> - Reading classical poems
History	<p><u>History Skills</u></p> <ul style="list-style-type: none"> • To improve skills in History including: chronology, the values and limitations of sources and anochrisms. • To use these skills to undertake a historical investigation surrounding the Tollund Man mystery. 	<p><u>Ancient Asia</u></p> <ul style="list-style-type: none"> • What was the silk road and what impact did it have on commerce and economic trade in the region? • To describe the spread of the Ottoman Empire, as well as the impact of the Ottoman Empire on Asia, Africa, and Europe 	<p><u>Indian independence and the end of empire</u></p> <ul style="list-style-type: none"> • To identify the notable people who led the movement for the partition and independence of India • To examine the key events leading to the partition and independence of India • To analyse the impact of Indian independence from the British Empire
Geography	<p><u>Geography Skills</u></p> <ul style="list-style-type: none"> • To describe the key features of the main continents and regions of the world. • To introduce key map skills including: co-ordinates, latitude and longitude, relief and topography and basic GIS mapping. 	<p><u>Local Geography – an introduction to case studies</u></p> <ul style="list-style-type: none"> • Using Phnom Penh as a case study, mapping the different facilities and locations within Phnom Penh using GIS software that was introduced in term 2. • To complete an extended online project on the Geography and History of Phnom Penh. 	<p><u>Regional Geography – an introduction to national case studies</u></p> <ul style="list-style-type: none"> • To examine the issues and challenges facing 4 major superpowers in Asia • To use population statistics (population pyramids, choropleth maps, line graphs) to examine the changing populations of China, Japan, Russia and India.
Maths	<p><u>Number</u></p> <ul style="list-style-type: none"> - Integers, powers and roots - Multiples and factors - Place value, ordering and rounding - Working with decimals <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Expressions, equations and formulae - Inequalities <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Fundamental angles <p><u>Probability and Statistics</u></p> <ul style="list-style-type: none"> - Planning 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 <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Symmetry - Circles and polygons - 3D shapes 	<p><u>Number</u></p> <ul style="list-style-type: none"> - Review <p><u>Algebra</u></p> <ul style="list-style-type: none"> - Graphs <p><u>Geometry and Measure</u></p> <ul style="list-style-type: none"> - Area, perimeter and volume - Position and movement <p><u>Probability and Statistics</u></p> <ul style="list-style-type: none"> - Introduction to probability - Interpreting and discussing results
Biology	<p><u>Cells</u></p>	<p><u>Grouping and identifying organisms</u></p>	<p><u>Microorganisms in their environment</u></p>

	<ul style="list-style-type: none"> • Learn about cells, find out about the parts of a plant cell and their functions • Find out how animal cells different from plant cells • Use a microscope to look at some plant and animals' cells • Learn about some specialised animal and plant cells • Explain how the structure of these specialised cells helps them to carry out their functions • Find out about tissues, organs and organ systems in living organisms • Recognise and name human organs that are part of different organ systems 	<ul style="list-style-type: none"> • Think about what makes living organisms different from non-living things • Learn about the seven characteristics of living organisms • Learn about the structure of a virus • Discuss whether viruses are non-living or living • Look carefully for similarities and differences between organisms • Find out how scientists decide if two organisms belong to the same or different species • Learn how to use a key to identify an organism, or to classify it into a group • 	<ul style="list-style-type: none"> • Learn about the different kinds of microorganisms • Practise constructing food chains and food webs, using arrows to indicate energy transfer. Use the correct terms to describe the organisms in a food chain or food web • Describe feeding relationships • Learn about microorganisms and the factors that affect the rate of decay • Draw and interpret food webs that include microorganisms as decomposers •
Chemistry	<p>Materials and their structure:</p> <ul style="list-style-type: none"> – Sort the states of matter into solids, liquids and gases; learn about the properties of solids, liquids and gases. – Use particle theory to describe the structure of solids, liquids and gases – Practise measuring the volume and temperature – Learn what happens when matter changes – Use particle theory to explain what happens when matter changes between states – Learn about the water cycle – Learn what an atom and an element are – Find out about different atoms and elements – Learn about the periodic table – Use symbols to represent the names of elements – Learn about the differences between elements and compounds and learn how to name and represent compounds – Learn about the difference between a compound and a mixture 	<p>Properties of Materials:</p> <ul style="list-style-type: none"> – List the properties of metals and non-metals – Investigate materials and decide if they are metals or non-metals – Learn about metal mixtures (alloys) – Use particle theory to explain the differences in the properties of metals and their alloys – Use what you know about mixtures to separate them – Learn about the properties of acids and alkalis – Learn to work safely with acids and alkalis and find out about hazard symbols – Learn how to tell an acid from an alkali using pH scale or other indicators 	<p>Changes to materials:</p> <ul style="list-style-type: none"> – Learn about the chemical properties of some metals – Learn to recognise that a chemical reaction has taken place – Learn how to make a neutral solution – Learn why neutralisation is important – Investigate acids and alkalis – Learn about different ways of telling if a chemical reaction has happened – Test gases given off in reactions so that you can identify them –

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Physics	<p><u>Forces and Energy</u></p> <ul style="list-style-type: none"> - Understand that the force of gravity acts between objects and learn about what affects the strength of the force of gravity on an object - Practise using the correct terms weight and mass - Learn about how scientists think the solar system was formed - Think about objects in space growing larger and increasing in mass - Understand that as these objects increase in mass, their gravity increases - Understand that as their gravity increases, they can attract even more masses - Learn about what keeps the planets in orbit around the sun and understand why planets move at different speeds - Find out what tides are - Learn about tidal forces, where they come from, how they affect the oceans and the land - Find out what energy is and learn about different energy stores and transfers - Discover how some ways that energy can be stored more easily than others - Discover that energy changes when something happens - Discover that when energy is changed, some of it may be wasted and never be recovered 	<p><u>Earth Physics</u></p> <ul style="list-style-type: none"> - Learn how sound comes from vibrations - Discover how particles vibrate in a sound wave - Find out why sound does not travel in vacuum - Learn that sound waves can be reflected - Discover what can happen when sound is reflected - Describe a model of the structure of the earth - Understand how the continents of earth have changed - Explain how fold mountains and volcanoes are formed - Explain how earthquakes happen - Find out how solar and lunar eclipses happen - 	<p><u>Electricity:</u></p> <ul style="list-style-type: none"> - Understand how electricity flows around a circuit - Learn about the electrons that flow to make electric current - Learn how to draw and compare circuit diagrams - Learn the circuit symbols for cells, switches, lamps, buzzers and ammeters - Learn the unit for measuring current; how to measure current, rule about current in series circuits - Discover the difference between electrical conductors and insulators - Learn about uses of conductors and insulators - Find out what happens to current when you add more cells or more lamps in a circuit -
Art	<p><u>Colour theory:</u></p> <ul style="list-style-type: none"> • Colour wheel; Primary, Secondary and Tertiary. • Colour mixing and different ways to apply colour in layers, washes, thickness, textured. 	<p><u>Visual Elements:</u></p> <ul style="list-style-type: none"> • Exploration of line, shape and form, value, colour, texture and pattern. 	<p><u>Artist studies and inspiration:</u></p> <ul style="list-style-type: none"> • Exploring artists through Visual Elements • Looking at two disparate artists and creating work in their style • Jean-Michel Basquiat and Yayoi Kusama

	<ul style="list-style-type: none"> Applying colour knowledge to a final piece. 	<ul style="list-style-type: none"> Creating a final image based on at least one of these visual elements. 	
Music	<p><u>Rock Music</u></p> <ul style="list-style-type: none"> Learn basic techniques using keyboard, bass guitar, guitar and drum kit. Sing in a group and solo. Choose an instrument to focus on and join a band. Perform as part of a band to an audience. Assess performances using musical criteria. 	<p><u>Music Technology</u></p> <ul style="list-style-type: none"> Learn to use a DAW to create a variety of sounds to a video. Record sounds directly to software in a variety of ways, including MIDI keyboard and recordings. <p><u>Elements of Music</u></p> <ul style="list-style-type: none"> Describing a variety of music using musical vocabulary. <p><u>Graphic Notation</u></p> <ul style="list-style-type: none"> Perform interpretations of music based on visual stimulus. Using written graphic notation as a musical score. 	<p><u>Motown</u></p> <ul style="list-style-type: none"> The history of the Motown label and the artists associated with it. In groups, choreograph and perform a dance routine in a Motown style. Sing a Motown song in a group. <p><u>Rap</u></p> <ul style="list-style-type: none"> Structure and history Beat box techniques Rap verse-chorus composition <p><u>Songwriting</u></p> <ul style="list-style-type: none"> Write a song, choosing chords and style Perform and record instruments