

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

Month	Weeks	AERO Standard	Strand	Content	Skills	Activities	Assessments	
Aug	1	03/8 – 07/8	LS1.4B LS1.4A	Basic needs of living things Sort plants by observable characteristics	Living things	Speak Read Listen Write	Ss look at the photo and answer their T's questions Ss classify living and non-living things at home	Page 5 Worksheet 1
	2	10/8 – 14/8	LS1.8A SI1A	Describe organization of multicellular organisms from cells to tissues to organs to system to organisms	Cells Organization of living things	Speak Write	Ss examine the mixture of milk and plain yogurt Ss answer the questions	Page 6, 7
	3	17/8 – 21/8	LS1.8A	Describe organization of multicellular organisms from cells to tissues to organs to system to organisms	Cells Organization of living things	Listen Read Write	Ss look at the atlas T explains Ss do the exercises	Worksheet 2
	4	24/8 – 28/8	LS1.8B	Classify organisms into the currently recognized kingdoms according to characteristics that they share	Kingdoms	Read Listen Write	Ss make the tree diagram	Page 8 Worksheet 3
Sep	5	31/8 – 04/9	LS1.8B	Sort organisms with similar characteristics into groups based on internal and external structures	Plants	Read Listen Write	Students complete word map	Page 9 Worksheet 5
	6	07/9 – 11/9	LS4.4A	Students will predict life stages of plants to compare organisms	Plant Nutrition	Read Listen Write	Students write and apply knowledge to vocabulary exercises	Page 10 Worksheet 4
	7	14/9 – 18/9	LS1.4A	Compare life cycles of different plants maturity, Reproduction including germination	Plant Reproduction	Read Listen Write	Match words in box with photos and complete the table	Page 11 Worksheet 6
	8	21/9 – 25/9	LS1.4B	Students will classify different living things using similar and different characteristics	Classify Plants	Read Listen Write	Complete Tables of Projects 1 and 2	Project 1, 2

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

Oct	9	28/9 – 02/10 (Review and Midterm Test)				Listen Read Write	Review unit 1 - 2	Complete the Tests
	10	05/10 – 09/10	LS1.4B	Students will describe why organisms belong to each group	Invertebrates	Read Listen	Student complete the Vocabulary Exercises	Page 12 Worksheet 7
	11	12/10 – 16/10	LS1.4B	Students will describe why organisms belong to each group	Invertebrate	Read Listen	Students complete the Exercises – tick the True, order of information and investigate and find the Names	Page 13 Worksheet 8
	12	19/10 – 23/10	LS1.4B	Students will describe why organisms belong to each group	Arthropods	Read Listen	Students complete exercise of Classify Invertebrate Groups	Page 14 Worksheet 9
	13	26/10 – 30/10	LS1.4B	Students will describe why organisms belong to each group	Vertebrates	Read Listen	Students will complete the Identify and Vocabulary exercises	Page 15 Worksheet 12
Nov	14	02/11 – 06/11	LS1.4B	Students will describe why organisms belong to each group	Birds	Read Listen Write	Students complete writing exercises 1 and 2	Page 16 Worksheet 10
	15	09/11 – 13/11	LS1.4B	Students will describe why organisms belong to each group	Reptiles	Read Listen Write	Content and language development - comprehension	Page 17
	16	16/11 – 20/11	LS1.4B		Fish and Amphibians	Read Listen Write	Read Worksheet Parts 1 and 2, then write answers to Parts 3 and 4	Page 18 Worksheet 11
	17	23/11 – 27/11	LS1.4A	Observe, identify and record external features of animals	Analyze Animal Footprints	Read Look Write	Read Worksheet, Look at Photos and Write Answers	Worksheet 13
Dec	18	30/11 – 04/12 (Final Term Test)						
	19	07/12 – 11/12	PS1.8A	Students will explain that all matter is composed of minute particles called atoms	Matter	Read Listen Write	Content and Language Development – Comprehension – BB/Blackboard Activity –	Page 23

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

							Students answer True of False	
	20	14/12 – 18/12 (School Report)						
	21	21/12 – 25/12	PS1.4C	Students will classify objects by properties, such as, mass, volume, density	The Properties of Matter	Read Listen Write	Complete the Word Map and Vocabulary Box - Match	Page 24 Worksheet 17
	22	28/12 – 01/1	PS2.4A	Students will describe how properties of certain materials change when specific actions are applied	Changes in Matter	Read Look Write	Complete the multiple-choice and write-in exercises	Page 25 Worksheet 20
Jan	23	04/1 – 08/1	PS2.4A	Content and Language Development – Comprehension – BB/Blackboard Activity – Students	Changes of States of Matter	Read Look Write	Content and Language Development – Comprehension – BB/Blackboard Activity – Students answer Multiple Choice exercises	Page 26
	24	11/1 – 15/1	PS2.4A	Students will describe how properties of certain materials change when specific actions are applied	Matter: Changes of State and Apply Knowledge to Daily Life	Read Look Write	Students will complete writing exercises on both worksheets	Worksheet 19, 21
	25	18/1 – 22/1	ESS.6.4a	Students will demonstrate an understanding of the relationship between Earth's atmospheric properties and processes and its weather and climate	The Atmosphere	Look Read Write	Content and Language Development – Comprehension – BB/Blackboard Activity – Students answer True of False	Page 27
	26	25/1 – 29/1	ESS.7.4A	Students will understand that Earth systems have a variety of cycles through which energy and matter continually flow.	The Hydrosphere	Look Read Write	Complete Diagram and Vocabulary	Page 28 Worksheet 22

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

Feb	OFF	01/2 – 05/2						
	OFF	08/2 – 12/2						
	27	15/2 – 19/2	ESS4.4A	All students will gain an understanding of the structure, dynamics and geophysical systems of the earth.	The Geosphere		Students will Look and Write, then Complete each Sentence	Page 29 Worksheet 24
	28	22/2 – 26/2	ESS2.4A		Volcanoes, Earthquakes and Weathering	Look Read Write	Content and Language Development – Comprehension – BB/Blackboard Activity – Students will Match the half-answers	Page 30
Mar	29	29/2 – 04/3	ESS2.4A	Students will explain how earth events (abruptly and over time) can bring about changes in Earth's surface: landforms, ocean floor, rock features or climate	Volcanic Landscapes	Look Read Write	Students will answer the open-end questions	Worksheet 23
	30	07/3 – 11/3 (Review and Midterm Test)						
	31	14/3 – 18/3	ESS2.4A	Students describe land features (including hills, plateaus, mountains, valleys, depressions and coastal plains) by using pictures	The Landscape	Look Read Write	Content and Language Development – Comprehension – BB/Blackboard Activity – Students will finish the sentences	Page 31

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

	32	21/3 – 25/3	ESS2.4A	Students describe land features (including hills, plateaus, mountains, valleys, depressions and coastal plains) by using pictures	Principal landscapes in Vietnam	Look Read Write	Students will answer the open-end questions	Worksheet 25
	33	28/3 – 01/4	ESS2.4A	Students describe land features (including hills, plateaus, mountains, valleys, depressions and coastal plains) by using pictures	The Coast	Look Read Write	Students will complete the Differences and Vocabulary exercises	Page 33 Worksheet 26
Apr	34	04/4 – 08/4	ESS5.8A	Identify the reservoirs of Earth's water cycle (e.g., ocean, ice caps/glaciers, atmosphere, lakes, rivers, biosphere, groundwater) locally and globally,	Rivers	Look Read Write	Students will Match, Answer True/False and Name or Write the most important river in their home town or city	Page 35 Worksheet 28
	35	11/4 – 15/4	ESS6.4B	Describe how temperature and precipitation	Climate	Look Read Speak	Ss compare landscapes Ss discuss about the zone they live in and the climate	Page 36 Worksheet 29

THE ASIAN INTERNATIONAL SCHOOL - CURRICULUM MAPPING

Level: Flyers

Subject: Science Textbook: Essential Science 5

Revised: July 2015

				determine climatic zones			in Vietnam	
	36	18/4 – 22/4	LS5.4A	Give examples of how changes in the environment (drought, cold) have caused some plants and animals to die or move to new locations	Vegetation and fauna	Listen Look Read	T explains all parks have rules to protect nature Ss form groups to make posters about plants and animals in Vietnam	Page 37 Worksheet 30
	37	25/4 – 29/4	ESS6.4A SI1.A	Graph recorded temperature data to show monthly Record data in bar graphs.	Climate graphs	Collect Record Compare	Ss complete data about the temperature in the area Ss analyze bar graphs	Worksheet 31
May	38	02/5 – 06/5 (Final Term Test)						
	39	09/5 – 13/5 (School Report)						
	40	16/5 – 20/5	ESS6.4A SI1.A	Graph recorded temperature data to show monthly Record data in bar graphs.	Make and interpret climate graphs	Collect Record Compare	Ss complete data about the temperature and precipitation in the area Ss analyze bar graphs	Project 3
	41	23/5 – 27/5	PS2.4A HS1.4A	Differentiate between a physical change and a chemical change Identify ways scientists work together to solve problems (e.g., share results, teamwork, investigate).	Investigate changes in matter	Read Observe Write	Ss do experiment with vinegar and bicarbonate Ss look and write about what is inside the bottle and the balloon	Project 4
	42	30/5 – 31/5						