

Scope and Sequence for Academic Year 2018-2019

Grade: 4

Subject: English, Mathematics, SS, Science/STEM

First Term

MONTH	WEEK 1	WEEK 2	WEEK 3	WEEK 4	
September	<p><u>02-07</u> Theme: Where do I belong?</p> <p>ELA: Getting to know one another, speaking and listening skills</p> <p>Mathematics: Basic Facts Practise Place Value; hundred thousands, ten thousands, thousands, hundreds, tens and ones</p> <p>Science: Introduction to force and motion</p> <p>Social Studies: History of UAE</p>	<p><u>09-13</u> Theme: Where do I belong?</p> <p>ELA: Identifying elements of a story/Onomatopoeia/Adjectives/</p> <p>Mathematics: Place Value; hundred thousands, ten thousands, thousands, hundreds, tens and ones</p> <p>Science/STEM: Force and motion (push/pulls, balanced/unbalanced force)</p> <p>Social Studies: History of UAE</p>	<p><u>16-20</u> Theme: Where do I belong?</p> <p>ELA: Similes and Metaphors/Narrative/order of adjectives</p> <p>Mathematics: Addition and subtraction using place value</p> <p>Science/STEM: Force and motion (gravity)</p> <p>Social Studies: History of UAE</p>	<p><u>23-28</u> Theme: Where do I belong?</p> <p>ELA: Character descriptions/T4W/Retelling a story/verb tenses</p> <p>Mathematics: Addition and subtraction using place value- break apart or column addition</p> <p>Science/STEM: Force and motion (speed)</p> <p>Social Studies: History of UAE</p> <p>STEM: Building transportation with additions (based on Mrs Armitage on Wheels)</p>	
Notes					
October / November	<p>Week 5 <u>30-04</u> Theme: Where do I belong?</p> <p>ELA: Using punctuation for effect marks/onomatopoeia/innovate story</p> <p>Mathematics: Using Algorithm to add/subtract multi-digit numbers</p> <p>Science/STEM: Force and motion (Newton's law)</p> <p>Social Studies: UAE culture (introduction)</p>	<p>Week 6 <u>07-11</u> Theme: Where do I belong?</p> <p>ELA: Invention of the text/Editing narrative (Mrs Armitage text)</p> <p>Mathematics: multiplication using vertical strategies and long division</p> <p>Science/STEM: Revision of force and motion</p> <p>Social Studies: UAE culture (planning presentations)</p>	<p>Week 7 <u>14-18</u> Theme: Where do I belong?</p> <p>ELA: informational text features/ make inferences about informational texts</p> <p>Mathematics: multiplication using vertical strategies and long division</p> <p>Science/STEM: MAP PRACTISE (timing will be confirmed when MAP dates are announced)</p> <p>Social Studies: UAE culture (planning presentations)</p>	<p>Week 8 <u>21-26</u> Theme: Bright Sparks</p> <p>ELA: research a famous person from the UAE/ use relative pronouns and adverbs</p> <p>Mathematics: multiplication using vertical strategies and long division</p> <p>Science/STEM: Introduction to magnetism</p> <p>Social Studies: UAE culture (presentations)</p>	<p>Week 9 <u>28-01</u> Theme: Bright Sparks</p> <p>ELA: Begin planning and writing informational poster/ produce complete sentences</p> <p>Mathematics: Know relative sizes of measurement units within one system of units</p> <p>Science/STEM: Introduction to magnetism</p> <p>Social Studies: UAE culture (presentations)</p>
Notes					

November	<p align="center">Week 10 <u>04-08</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Writing and editing informational text/ form and use prepositional phrases</p> <p>Mathematics: Know relative sizes of measurement units within one system of units</p> <p>Science/STEM: Magnetism (Earth's magnetism)</p> <p>Social Studies: UAE culture (presentations)</p>	<p align="center">Week 11 <u>11-15</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Publish and share informational posters</p> <p>Mathematics: now relative sizes of measurement units within one system of units</p> <p>Science/STEM: Magnetism (compass)</p> <p>Social Studies: Unification of the UAE</p>	<p align="center">Week 12 <u>18-22</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Write a newspaper article about National day</p> <p>Mathematics: Graphs</p> <p>Science/STEM: Magnetism (electromagnets)</p> <p>Social Studies: Unification of the UAE</p>	<p align="center">Week 13 <u>25-29</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Write a newspaper article about National day</p> <p>Mathematics: Graphs</p> <p>Science/STEM: Magnetism (electromagnets)</p> <p>Social Studies: Unification of the UAE</p>	
Notes					
December	<p align="center">Week 14 <u>02-06</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Write a newspaper article about National day</p> <p>Mathematics: Worded Problems/problem solving</p> <p>Science/STEM: Revision of magnetism</p> <p>Social Studies: Revision</p>	<p align="center">Week 15 <u>09-13</u></p> <p>Theme: Bright Sparks</p> <p>ELA: Write a newspaper article about National day</p> <p>Mathematics: Worded Problems/problem solving</p> <p>Science/STEM: Revision</p> <p>Social Studies: Revision</p>			
Notes					

Second Term

MONTH		WEEK 1	WEEK 2	WEEK 3	WEEK 4
January	<p><u>03-07</u> 03: Beginning of Second Term for Teachers</p> <p>Staff Professional Development Training</p> <p><u>No Students</u></p>	<p><u>01-07</u> Theme: Our Place</p> <p>ELA: practice oral language skills; speaking and listening. Sharing ideas aloud, giving constructive feedback. Recap facts and vocabulary for nonfiction texts. Cold task.</p> <p>Mathematics: review decimals and fractions</p> <p>Science: Rock formations in UAE and neighbouring countries. Patterns in rocks.</p> <p>STEM:</p> <p>Social Studies: History of UAE</p>	<p><u>01-14</u> Theme: Our Place</p> <p>ELA: introduce research project on countries from around the world, Begin research.</p> <p>Mathematics: Understand decimal notation for fractions, and compare decimal fractions.</p> <p>Science: Fossils in rocks.</p> <p>STEM: Make a fossil (clay, leaves)</p> <p>Social Studies: History of UAE</p>	<p><u>01-21</u> Theme: Our Place</p> <p>ELA: Introduce PowerPoint and how to use it, finish off research.</p> <p>Mathematics: Extend understanding of fraction equivalence and ordering.</p> <p>Science: Erosion by wind, water, ice and vegetation.</p> <p>STEM: Experiment on erosion (sand in a bottle)</p> <p>Social Studies: Geographical features</p>	<p><u>01-28</u> Theme: Our Place</p> <p>ELA: Begin drafting a storyboard for the PowerPoint presentation.</p> <p>Mathematics: Comparing two fractions with different numerators (+ and -)</p> <p>Science: Maps and Earth's features.</p> <p>STEM: Design a map/floor plan</p> <p>Social Studies: Geographical features</p>
<u>No</u> <u>tes</u>				<u>Writing Assessment: information</u>	
	Week 5	Week 6	Week 7	Week 8	
February	<p><u>2-4</u> Theme: Our Place</p> <p>ELA: Create PowerPoint presentations and share using the smart tv.</p> <p>Mathematics: Reducing fractions and +/- fractions</p> <p>Science: Earth's natural processes (volcanoes, tsunamis, earthquakes)</p> <p>STEM: Design an earthquake-safe building (Legos)</p> <p>Social Studies: Map skills. locating areas in UAE</p>	<p><u>2-11</u> Theme: Animals</p> <p>ELA: Writing assessment and cold task on opinion writing.</p> <p>Mathematics: Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts.</p> <p>Science: Animal external structures (habitats) that support growth, survival and behaviour</p> <p>STEM: Create a solution to help save disappearing habitats</p> <p>Social Studies: Animals that live in the habitat and where its located on the map of UAE</p>	<p><u>2-18</u> Theme: Animals</p> <p>ELA: Introduce and formulate opinions on a range of topics. Features of a letter.</p> <p>Mathematics: coordinate geometry- investigate properties of 2D geometric figures</p> <p>Science: Animal internal structures that support growth, survival and behavior</p> <p>STEM: Animal skeletons (art)</p> <p>Social Studies: Animals that live in the habitat and where its located on the map of UAE</p>	<p><u>2-25</u> Theme: Animals</p> <p>ELA: Introduce topic of writing a letter to the Sheik about endangered animals.</p> <p>Mathematics: coordinate geometry</p> <p>Science: Animals receive information through senses</p> <p>STEM:</p> <p>Social Studies: Names of Emirates</p>	

Notes		<u>Writing Assessment: narrative</u>			
	Week 9	Week 10	Week 11		
M a r c h	<p><u>03-04</u> Theme: Animals ELA: Plan/write/ edit persuasive letters. Mathematics: coordinate geometry Science: Plant structures that support growth, survival and reproduction STEM: Create a plant that survives in the desert (art) Social Studies: Create a map</p>	<p><u>03-11</u> Theme: Animals ELA: Introduce instructional writing and giving instructions. Mathematics: Algorithm/American Money Science: Plant structures that support growth, survival and behaviour STEM: Social Studies: Create a map Math Week.</p>	<p><u>03-18</u> Theme: Animals ELA: write a set of instructions for someone else to follow. Mathematics:Algorithm/American Money Science: Plant structures that support growth, survival and behaviour STEM: Social Studies: Sharing the maps International Week.</p>	<u>Spring Break</u>	
No tes	<u>Writing Assessment: opinion</u>				

MONTH	WEEK 1	WEEK 2	WEEK 3	WEEK 4	
April	<u>08-12</u> Theme: Chocolate ELA: Introduce Chocolate Topic/Letter from Willy Wonka/Tasting Chocolate/Cold Task Mathematics: Introduction to angles and degree measurement Science: Introduction to matter Social Studies: What is chocolate made of?	<u>15-19</u> Theme Chocolate ELA: Elements of a story; Setting, characters, plot, problem, resolution descriptions/T4W chocolate story/ identify features within the story. Mathematics: Measuring angles, comparing angle size, adding/subtracting angle size Science: Changing states of matter Social Studies: Where is coco grown?	<u>22-26</u> Theme: Chocolate ELA: Boxing up the text and Innovation/Change setting/Problem Mathematics: Introduction to system of measurement Science: Evaporation and condensation Social Studies: From Bean to Bar	<u>29-03</u> Theme: Chocolate ELA: Invention stage T4W and editing process Mathematics: Using measurement to determine area and perimeter of shapes Science: Matter and mass Social Studies: From Bean to Bar	
Notes		<u>Parent Meetings</u>	Earth Day and World Book Day Art Exhibition		
MONTH	WEEK 5	WEEK 6	WEEK 7	WEEK 8	
May	<u>06-10</u> Theme: Chocolate ELA: Publishing and sharing stage Mathematics: Introduction of time Science: Matter and volume Social Studies: Fair trade	<u>13-17</u> Theme: Chocolate ELA: Features of Poetry Mathematics: Time concepts Science: Revision Social Studies: Fair trade	<u>20-24</u> Theme: Chocolate ELA: Writing our own poems Mathematics: Time Word Problems Science: Revision of matter Social Studies: Revision	<u>27-31</u> Theme: Chocolate ELA: Analyzing advertisements Mathematics: digital time Science: Revision of matter Social Studies: Revision	
Notes	<u>End of Year Concert</u> <u>Potential Trip Dates to Hilton</u>	<u>Arabic Language Week</u>		<u>LISG Science Fair</u>	
MONTH	WEEK 9	WEEK 10	WEEK 11	Week 12	
June	<u>3-7</u> Theme: Chocolate ELA: Creating chocolate advertisements Mathematics: Science: Social Studies:	<u>10-14</u> Theme: Chocolate ELA: Sharing and providing feedback on adverts Mathematics: Science: Social Studies:	<u>17-21</u> Theme: Chocolate ELA: Make improvements on adverts in response to feedback Mathematics: Science: Social Studies:	24-28 Last Week for teachers	
Notes	<u>World Environment Day</u>		Last Week of school for kids		