

# Primary 7 Weekly Plan

Instructions: Each day with your pupil, complete the learning activities for every subject. For daily reading practice, download the story from the African Storybook app and ask your pupil to read. Then, ask your pupil to complete the homework assignment. Use the answer key to review their answers and provide feedback.

6-10 April 2020

	Topics for this week	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Math 1</b>	<p>Pie charts.</p> <p>Speed, distance and time problems.</p> <p>Integers.</p> <p>BODMAS (brackets, orders, division, multiplication, addition and subtraction) word problems.</p> <p>Modular arithmetic.</p>	<p><b>Activity:</b> Solve by creating and shading a pie chart.</p> <p>1. Mary spends <math>\frac{1}{4}</math>th of her salary on rent. Show this on a pie chart. Shade the region that shows rent.</p> <p>2. John spends <math>\frac{1}{10}</math>th of his salary on food. Show this on a pie chart. Shade the region that shows expenditure on food.</p> <p>3. Hamid spends <math>\frac{3}{10}</math>th of his salary on his children's school fee. Show this on a pie chart. Shade the region that shows expenditure on school fees.</p>	<p><b>Activity:</b> Solve:</p> <p>1. Sameer is going to meet his family which lives 160 km away. His speed is 80 km/h. How much time will Sameer take to reach his family?</p> <p>2. Dan is walking at a speed of 3.5 km/h. How far has Dan walked after 3 hours?</p> <p>3. Train B left the station at 9 a.m. Its speed is 100 km/h. How far has train B travelled by noon?</p>	<p><b>Activity:</b> Solve:</p> <p>1. <math>-5 \times 16 \div -2 \times 4</math></p> <p>2. <math>18 \div -3 \times 6 \times -2</math></p> <p>3. <math>-12 \div 4 \times 18 \div -2</math></p> <p>4. <math>-3 \times -2 \times 5 \times -2 \times 3</math></p> <p>5. <math>48 \div -2 \div -3 \div -4</math></p>	<p><b>Activity:</b> Solve:</p> <p>1. <math>3 + 10 \pmod{7}</math></p> <p>2. <math>10 + 5 \pmod{12}</math></p> <p>3. <math>8 + 9 \pmod{12}</math></p> <p>4. <math>16 + 8 \pmod{24}</math></p> <p>5. <math>9 - 11 \pmod{12}</math></p> <p>6. <math>6 - 12 \pmod{24}</math></p>	<p><b>Activity:</b> Solve:</p> <p>1. If today is Tuesday, what day will it be in 8 days?</p> <p>2. If today is Wednesday, what day will it be in 12 days?</p> <p>3. If this month is January, what month will it be in 6 months?</p> <p>4. If today is Monday, what day of the week will it be in 37 days?</p> <p>5. If January 1 is a Tuesday, what day of the week will January 25 be?</p> <p>6. If March 7 is a Friday, what day of the week will March 21 be?</p>
<b>English 1</b>	<p>Language and writing vocabulary.</p> <p>Sentence formation using 'if', 'would', 'could', 'needn't have' and 'and so'.</p>	<p><b>Vocabulary:</b> accompany, ushered, volume, various</p> <p><b>Activity:</b> Write the meanings of the vocabulary words.</p>	<p><b>Vocabulary:</b> abbreviated, transmit, technician, imagination</p> <p><b>Activity:</b> Write the meanings of the vocabulary words.</p> <p>Make 3</p>	<p><b>Activity:</b> Form sentences with 'if', 'would' and 'could'.</p> <p>Rule for conditional sentences: If + past simple + would/could + verb</p> <p><b>Example:</b></p>	<p><b>Activity:</b> Form sentences using 'needn't have'.</p> <p>needn't have = need+not+have</p> <p><b>Example:</b> You needn't</p>	<p><b>Activity:</b> Form sentences using 'and so'.</p> <p><b>Example:</b> She got a new book and so</p>

		Make 3 sentences with each vocabulary word.	sentences with each vocabulary word.	If Sara had time, she would visit more.  Write 6 sentences using 'if', 'would' and 'could'.	have written that letter.  Write 6 sentences using 'needn't have'.	did I.  Write 6 sentences using 'and so'.
<b>Reading Assignment</b>		African Storybook: <a href="#">A rainbow tail</a>	African Storybook: <a href="#">Aku the Sun Maker</a>	African Storybook: <a href="#">An Egg for Bride Wealth</a>	African Storybook: <a href="#">Baby snatched by Cranes</a>	African Storybook: <a href="#">Dima and Owl</a>
<b>Homework Assignment</b>		Homework 37	Homework 38	Homework 39	Homework 40	Homework 41
<b>Homework Answer Keys</b>		<p><b>English</b></p> <p>1. Accept reasonable responses: To eject is to remove something.</p> <p>2. Accept reasonable responses: A guide is something that helps someone / provides information.</p> <p>3. If I had a radio, I could listen to radio news.</p> <p>4. If the bride came, the wedding would have happened.</p> <p><b>Maths</b></p> <p>1. Friday 2. June 3. Saturday 4. Sunday</p> <p><b>Science</b></p> <p>1. Carbon dioxide is the substance that lungs excrete.</p> <p>2. Accept reasonable responses: The gaseous exchange occurs in the alveoli.</p> <p>3. Accept reasonable responses: The lungs are the central organ for the</p>	<p><b>English</b></p> <p>1. If I want to type, I will have to <u>connect</u> the computer to a keyboard.</p> <p>2. Television and radio are popular forms of <u>entertainment</u>.</p> <p>3. If Abdullah owned a watch, he would know the time.</p> <p>4. If we cut down that tree, we could build a house.</p> <p><b>Maths</b></p> <p>1. 1/4 of the land 2. 1/10 of the land 3. 20 acres 4. 2,400 votes</p> <p><b>Science</b></p> <p>The trachea is the body part labelled X. The function of the trachea is to bring air into the lungs.</p> <p>2. Bronchiole is the body part labelled Y. The function of the bronchiole is to supply the alveoli with air.</p> <p>3. Accept reasonable responses: The alveoli is the body part</p>	<p><b>English</b></p> <p>1. You needn't have come to my concert.</p> <p>2. The farmers needn't have worried about their harvest.</p> <p>3. Sandra's cat is black and spotted and so is Henry's.</p> <p>4. The radio uses electricity and so does the CD player.</p> <p><b>Maths</b></p> <p>1. 20 km 2. 100 km 3. 1.5 hours 4. 10 km/hour</p> <p><b>Science</b></p> <p>1. Accept reasonable responses: Disrupts the respiratory system / lowers the amount of oxygen that the blood receives is one symptom of lung cancer.</p> <p>2. Tuberculosis is a lung disease caused by bacteria.</p> <p>3. Asthma is a condition where people have chronically inflamed bronchioles</p>	<p><b>English</b></p> <p>'The cable can't reach the plug, we will need an <u>extension cable</u>!'</p> <p>2. A DVD is a type of <u>disc</u> with video information on it.</p> <p>3. Accept reasonable responses: We told the man to play the music louder / more loudly.</p> <p>4. My old friend said they would like to learn to sail.</p> <p><b>Maths</b></p> <p>Graph-based answers.</p> <p><b>Science</b></p> <p>1. Excretion is the removal of waste products from the body.</p> <p>2. Melanin is the pigment which determines skin colour in humans.</p> <p>3. Sweat glands are responsible for producing sweat as a waste product.</p> <p>4. Kidneys are the excretory organs that form urine.</p>	<p><b>English</b></p> <p>1. Winnie is more interested in homework than housework.</p> <p>2. The dog seemed more interested in the old tree than his dog house.</p> <p>3. School ought to be fun.</p> <p>4. Our car ought to be around here somewhere.</p> <p><b>Maths</b></p> <p>1. (2, 3) 2. (-3, -2) 3. Graph-based answer. 4. Graph-based answer.</p> <p><b>Science</b></p> <p>1. Light consists of waves of electromagnetic radiations and travels in straight lines and in all directions.</p> <p>2. Ray is the narrow path followed by light.</p> <p>3. Accept reasonable responses: Light energy enables us to</p>

		<p>gas exchange / oxygen taken in the lungs is carried to body tissue to burn food and release energy / lungs eliminate carbon dioxide is one function of the lungs.</p> <p>4. Accept reasonable responses: To keep the trachea open at all times / to provide a clear open passage / prevent suffocation is the reason the trachea is made up of rings of cartilage.</p> <p><b>Social Studies</b></p> <p>1. River Lake Nilotes, Plain Nilotes and Highland Nilotes are the three groups the Nilotes are divided into.</p> <p>2. Fishing along the rivers and lakes of East Africa was the main economic activity of these ethnic groups.</p> <p>3. Pastoralism was the main activity for the Plain Nilotes of East Africa.</p> <p>4. Highlands where there were fertile soils and adequate rainfall is where Highland Nilotes settled.</p>	<p>labelled Z. The alveoli store red blood cells. / The exchange of oxygen and carbon dioxide happens in the alveoli.</p> <p>4. The release of carbon dioxide and the taking in of oxygen is called a gas exchange.</p> <p><b>Social Studies</b></p> <p>1. Livestock is the main form of wealth for the Crushites.</p> <p>2. The Crushites settled in the dry plains of the Horn of Africa and Eastern Africa because they are pastoralists.</p> <p>3. Accept reasonable responses: The Semitic language speakers have a mixture of African, Arabic and Jewish blood.</p> <p>4. Accept TWO responses: The Mande / Kwa / Afro-Asiatic / Nilo-Saharan / Voltaic / West Atlantic are two main ethnic groups of Western Africa.</p>	<p>and bronchi.</p> <p>4. Accept reasonable responses: Avoid dusty and smoky places / do not smoke / exercise regularly / avoid drinking infected milk / get immunisation is one way to care for the lungs.</p> <p><b>Social Studies</b></p> <p>1. Accept reasonable responses: Pygmies are believed to be the earliest people to occupy Africa / The Pygmies are also known as the Bambuti.</p> <p>2. Accept reasonable responses: Unfavorable climatic conditions / invasion of foreigners / population increase / search for fertile land / outbreak of diseases / escape natural disasters / conflicts between the same ethnic group is one reason ethnic groups settle in Africa.</p> <p>3. Accept reasonable responses: Population increase / introduction of new cultures / introduction of new skills / intermarriage leading to new groups / loss of life and</p>	<p><b>Social Studies</b></p> <p>1. Accept reasonable responses: When the British arrived in the country, the Boers/Dutch moved northwards / The Boers/Dutch moved northwards and founded the Orange Free State and Transvaal in South Africa / The Boers/Dutch moved northward and displaced the Khoisan and Bantu communities from their farmlands, pushing them to drier lands.</p> <p>2. Accept reasonable responses: Thick forests and rugged landscapes / Hostile communities / Infection by disease / Inadequate supplies are problems experienced by ethnic groups during migration and settlement.</p> <p>3. Accept reasonable responses: Population increase / Loss of life and property are examples of negative effects of ethnic migrations.</p> <p>4. Accept TWO responses: Introduction of new cultures / Introduction of</p>	<p>see / makes us see.</p> <p>4. Bodies that give off light of their own are luminous bodies.</p> <p><b>Social Studies</b></p> <p>1. Explorers, Traders, Missionaries, Colonialists, and Settlers are the five groups of foreigners that came to East Africa.</p> <p>2. Malaria was the biggest obstacle to European exploration of the interior of Africa.</p> <p>3. Accept reasonable responses: Explorers wanted to study the geography of the continent / were interested in finding out about physical features of Africa / wanted to study plant and animal life / wanted to find out the commercial opportunities which Africa could offer to European countries / were interested in finding out about customs and traditions of the African people is one reason explorers come to Africa.</p> <p>4. Accept reasonable responses: African Association / Royal Geographical Society</p>
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