



<p>K.9 The student will investigate and understand that there are simple repeating patterns in his/her daily life. Key concepts include: (a) weather observations</p>	<p>Key concepts include: (a) weather observations</p>	<p>The teacher will: <b>Day 1</b> * Hook: Read "Cloudy With A Chance of Meatballs" *students will discuss what they would want to rain down if they could pick anything and draw it. <b>Day 2</b> Sunny: Read the book John Denver's Sunshine on My Shoulders by Christopher Canyon. Ask students what activities they do on a sunny day and write on board. Discuss why those activities are done on a sunny day...light</p>	<p>The students will: *create a "weather" vocabulary list: temperature thermometer snow precipitation evaporation seasons change observation</p>	<p>READING K.8 The student will demonstrate comprehension of fiction and nonfiction. WRITING K.11 The student will write to communicate ideas. MATH K.8 The student will identify the instruments used to measure temperature, thermometer K.13 The student will gather data by counting and tallying. K.14 The student will display gathered data in object graphs, picture graphs, and tables, and will answer questions related to</p>	<p>Essential Questions *What is weather? *How does weather change? *How does weather change through the seasons? *What happens to the weather when the temperature changes?</p>	<p>*Brain Pop Jr. Vocabulary Cards *Dictionaries *Weather Bug Website *Weather recording chart *Journals</p>	<p>Daily</p>	<p>*Teacher Observation *Journal entries *Informative Assessment</p>
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<p>1.7 The student will investigate and understand weather and seasonal changes. Key concepts include (c) changes in temperature, light, and precipitation can be observed and recorded over time.</p>	<p>Key concepts include (c) changes in temperature, light, and precipitation can be observed and recorded over time.</p>	<p>The teacher will:  * intro and read "Cloudy With A Chance of Meatballs"  *Discuss weather vocabulary  *The teacher will review the selected vocabulary.  *The teacher will use the video from Brain Pop about seasons, weather and change  *The teacher will use a weekly weather chart from the newspaper or website to graph local weather</p> <p>WRITING  *See additional</p>	<p>The students will:  *create a "weather" vocabulary list:  temperature  thermometer  rain  snow  precipitation  evaporation  seasons  change  observation  *The students will watch the video and indicate by tally marks the number of times they hear a vocabulary word  *The students will graph the weekly local weather  *The students will journal the changes in weather with relation to temperature</p>	<p>READING  1.9 The student will read and demonstrate comprehension of a variety of fiction and nonfiction.  1.10 The student will use simple reference materials.  WRITING  1.12 The student will write to communicate ideas.  MATH  1.14 The student will investigate, identify, and describe various forms of data collection  1.15 The student will interpret information displayed in a picture graph  1.17 The student will recognize,</p>	<p>Essential Questions:  *What is weather?  *How does weather change?  *What weather changes do we see during each season?  *What happens to the weather when the temperature changes?</p>	<p>*Brain Pop Jr.  *dictionaries  *vocabulary cards  *Weather bug website  *Weather channel website  *Newspaper  *NOAA website</p>	<p>*UNIT 2  weeks  *Literature Based:  1 day  *Weather Graph Daily</p>	<p>*Teacher Observation  *Sorting Activity  *Matching Activity (Pic and words)  *Labeling activity</p>
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<p>3.9 The student will investigate and understand the water cycle and its relationship to life on Earth. Key concepts include (c) the water cycle involves several processes</p>	<p>Key concepts include (c) the water cycle involves several processes</p>	<p>The teacher will:          *Discover why Education Video on Water Cycle          *Use essential questions to guide discussions throughout the unit          *Teacher will demonstrate the water cycle using "Water Cycle and Phases of Water" lesson plan and activity          *Teacher will introduce the weather graph (compare the weather for Virginia Beach and Pittsburg—see how temperature effects participation)</p>	<p>The students will:          *Show thumbs up when vocabulary words are heard during the discovery education video          *Create a diagram of the water cycle using appropriate labels and drawings (group)          *Students will complete homework with emphasis on vocabulary and water cycle order          *Students will rotate the job of recording the weather daily</p>	<p>ORAL LANGUAGE          3.1 The student will use effective communication skills in group activities.          3.2 The student will present brief oral reports.          READING          3.4 The student will use strategies to read a variety of fiction and nonfiction materials          3.6 The student will continue to read and demonstrate comprehension of nonfiction          3.7 The student will demonstrate comprehension of information from a variety of print resources.          WRITING          3.10 The</p>	<p>Essential Questions:          *What is precipitation          *What causes different types of precipitation          *What is a cycle?          *What is a water cycle?</p>	<p>*Brain Pop Jr.          *Dictionaries          *Vocabulary cards          *Materials for water cycle diagram</p>	<p>50 minutes per day for 1 week</p>	<p>*Water Cycle Assessment          *Water Cycle Diagram Group Project          *The Water Cycle student activity sheet          *Journal Entries</p>
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Additional 1st grade activities: WRITING

\*have students "write" their own weekly weather report using the weather symbols

Weather Symbols				
<b>Rain</b>	<b>Drizzle</b>	<b>Snow</b>	<b>Freezing Rain</b>	<b>Miscellaneous</b>
☐☐ Light	☐☐ Light	×× Light	☐☐ Light	△ Ice Pellets
☐☐ Moderate	☐☐ Moderate	×× Moderate	☐☐ Moderate	↔ Ice Crystals
☐☐ Heavy	☐☐ Heavy	×× Heavy	<b>Freezing Drizzle</b>	★ Snow Grains
<b>Rain Showers</b>	<b>Thunderstorm</b>	<b>Snow Showers</b>	☐☐ Light	↗ Blowing Snow
☐☐ Light	☐☐ Light	☐☐ Light	☐☐ Moderate	= Fog
☐☐ Moderate	☐☐ Heavy	☐☐ Moderate	<b>Tropical</b>	∞ Haze
	☐☐ Lightning		☐☐ Hurricane	☐☐ Smoke
			☐☐ Storm	D Dust

