

DEPARTMENT: SCIENCE	UNIT TITLE: WEATHER
GRADE: 1	

SECTION	LENGTH	CONTENT	SKILLS	METHODS OF ASSESSMENT	FRAMEWORK STRAND(S) & STANDARD(S) PreK-2
Weather	3 lessons	<ul style="list-style-type: none"> • Features of weather include cloud cover, precipitation, wind, and temperature. • Weather changes from day to day and from week to week. • Recording observations is more reliable than remembering. 	<ul style="list-style-type: none"> • Observe weather using the senses. • Record data on graphs and charts. 	<ul style="list-style-type: none"> • Pre unit assessment • Worksheets • Teacher observations 	ESS 2, 3, 4
Wind	2 lessons	<ul style="list-style-type: none"> • Instruments tell us information beyond what we can learn from our senses. 	<ul style="list-style-type: none"> • Make a wind flag. • Use simple tools to estimate wind speed. • Record data on graphs and charts.. 	<ul style="list-style-type: none"> • Worksheets • Teacher observations 	ESS 2, 3, 4 T/E 1.3
Temperature	4 lessons	<ul style="list-style-type: none"> • The liquid in a thermometer reacts to heat and cold. • Darker colors absorb more heat energy from the sunlight than lighter colors absorb. 	<ul style="list-style-type: none"> • Use thermometers to measure temperature. • Record data on graphs and charts. • Predict, experiment, draw conclusions. 	<ul style="list-style-type: none"> • Worksheets • Teacher observations 	ESS 2, 3, 4 T/E 1.3
Rain	3 lessons	<ul style="list-style-type: none"> • Weather affects decisions people make, like clothing and activities. • Some fabrics stop water from soaking through better than others. 	<ul style="list-style-type: none"> • Make and use a rain gauge. • Record data on graphs and charts. 	<ul style="list-style-type: none"> • Worksheets • Teacher observations 	ESS 2, 3, 4 PS 2 T/E 1.1, 1.2
Clouds	2 lessons	<ul style="list-style-type: none"> • Water can be solid, liquid or gas. • Different kinds of clouds are linked to different kinds of weather. 	<ul style="list-style-type: none"> • Classify clouds. • Record data on graphs and charts. 	<ul style="list-style-type: none"> • Teacher observations • Performance rubric 	ESS 2, 3, 4, 5 PS 2
Weather forecasts	2 lessons	<ul style="list-style-type: none"> • Meteorologists are scientists who study weather and make weather forecasts. 	<ul style="list-style-type: none"> • Interpret and summarize weather data. 	<ul style="list-style-type: none"> • Worksheets • Teacher observations • Post unit assessment 	ESS 2, 3, 4, 5 PS 2