

# Grade 6 Nature Walk: One-Page Prompt Sheet

*This page and the attached wind guide are included in each walk leader's kit. Use this prompt sheet on the walk. For more comprehensive background information, see the Grade 6 Volunteer Guide.*

## ***As a class at the compass***

### **General conditions:**

- Is today seasonable?
- Can you see the moon? Can you feel the sun on your face?
- What is the cloud cover (stratus, cirrus, cumulus)?
- How does this compare to last month?
- Air temp

### **Wind speed and direction:**

- What way is the tape blowing? Use the compass for direction. If the tape is blowing North, the wind is coming from the South.
- Is the wind variable or steady? Use the wind guide to estimate the wind speed.

### **Sun**

- Shadow Length (gets shorter as days grow longer)
- angle that the sun appears in the sky due to the tilting of the earth on its axis. (gets larger as days grow longer)

## ***At the plots:***

### **Non-Living:**

- Temp of ground and water
- Dirt: Dig with a trowel. Any signs of insects? Is the ground frozen? Thawing? Is the dirt moist or dry? Can you smell it? (decaying leaves)
- Water: What are the conditions of the water? (frozen, dry, overflowing, bubbling) Can you hear it running?
- Sun: Can you feel it? Does it reach your plot? Are some areas sunny and others not?
- Air: Is it moving? Cold?

### **Plants:**

- What colors do you see on the ground? In the trees?
- Look up at the tree cover. Are the leaves moving? Have they fallen? Are new buds blooming? Is sun coming through?
- What plants are in your plot?
- How many different types of leaves do you see?
- Can you smell decaying leaves, spring blossoms?

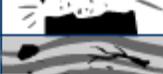
### **Animals:**

- Any evidence of animal life? Look for burrows, tracks in snow, nibbled leaves, ant hills, spider webs.
- Is there shelter for an animal in your site?
- Is there food to attract an animal in your site?
- Can you hear any animals?

### **Comparisons/Predictions**

- How do these conditions compare to last month? What do you predict for next month?
- Why are there these changes between months?
- Are today's conditions seasonal?

# Beaufort Scale

Beaufort number	Wind Speed (mph)	Seaman's term		Effects on Land
0	Under 1	Calm		Calm; smoke rises vertically.
1	1-3	Light Air		Smoke drift indicates wind direction; vanes do not move.
2	4-7	Light Breeze		Wind felt on face; leaves rustle; vanes begin to move.
3	8-12	Gentle Breeze		Leaves, small twigs in constant motion; light flags extended.
4	13-18	Moderate Breeze		Dust, leaves and loose paper raised up; small branches move.
5	19-24	Fresh Breeze		Small trees begin to sway.
6	25-31	Strong Breeze		Large branches of trees in motion; whistling heard in wires.
7	32-38	Moderate Gale		Whole trees in motion; resistance felt in walking against the wind.
8	39-46	Fresh Gale		Twigs and small branches broken off trees.
9	47-54	Strong Gale		Slight structural damage occurs; slate blown from roofs.
10	55-63	Whole Gale		Seldom experienced on land; trees broken; structural damage occurs.
11	64-72	Storm		Very rarely experienced on land; usually with widespread damage.
12	73 or higher	Hurricane Force		Violence and destruction.