

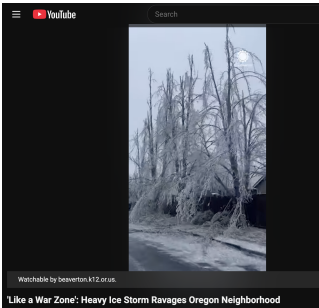
Introduce Phenomenon and Information Writing

Developed by: Leslie Stolin

Grades or Range: 3rd - 5th Grade

This is lesson 1 of 4 of the educators' [Natural Disasters and Powerline Safety Unit](#)

Lesson 1: Introduce Phenomenon & Information Writing End Goal	
Standards Alignment	<u>Oregon Grade 5 Mathematics Standards:</u> 5.DR.B Analyze, represent, and interpret data. 5.DR.B.2 Analyze graphical representations and describe the distribution of the numerical data through line plots or categorical data through bar graphs. Interpret information presented to answer investigative questions.
<u>Basic Principle of Safety</u> Alignment	Stay away from downed power lines and don't touch anything near one. It doesn't have to spark to be dangerous.
Duration	1 Class 45 minutes
Lesson Preparation (What should the educator have prepared before leading this section?)	Materials Needed (*depending on presentation mode chosen): • Writing journal and writing utensil • Exit Ticket or Pretest Videos and Links • YouTube Video: Tree fell onto a Power Line • YouTube Video: Fire breaks out when a tree falls on powerlines • YouTube Video: Tree falls on power lines in Lynnfield • YouTube Video: ‘Like a War Zone’: Heavy Ice Storm Ravages Oregon Neighborhood

	• January 2024 Winter Storm Spotlight
Section Learning Goals:	Students will Explore the relationship between Natural Disasters and the safety of damaged or downed power lines.
Lesson or Unit: Phenomenon (Engage)	The students will be introduced to the topic of safety and powerlines by watching short videos and looking at photographs that show damaged power lines. Students will be given time to analyze data from a recent Oregon Winter Ice Storm and notice connections to power lines and electricity. LINK
Lesson Sequence (How should the learning session unfold?)	Students are introduced to the Mini Unit using videos and ask questions to spark curiosity and the desire to find the why: LINK Teacher then shares this video (1) as part of the phenomenon, showing how the topic is meaningful learning for NW Oregon students while gaining their interest. Students are introduced to the idea of electricity and the danger that may be present if a power line is damaged during a natural disaster or storm. Students then have time to explore more information around the phenomenon on the Oregon Department of Emergency Management website: January 2024 Winter Storm Spotlight. (2) The teacher facilitates a group discussion on some of the facts that interested students, then an overview of the learning project is introduced to students and they choose either a poster or pamphlet as their summative assessment of learning. Optional for diagnostic assessment: exit slip (3) or pretest (1) 

(2)



(3)

Name: _____		Date: _____		
What was your learning goal today?				
Circle how do you feel about the learning goal information from our lesson?				
1 I'm confused	2 I'm starting to understand it but still have questions	3 I mostly understand the information	4 I understand the information and could teach it to someone	
What did you like learning about the most?				

Assessment:
(Evaluate)

Project: Students' completed writing project will be graded using the information writing standards.

This Lesson: Students will complete a short pretest for diagnostic assessment or an exit slip.