## Weather vs. Climate Lesson Elementary Level

## Watch the Following Video: <u>Weather vs. Climate: Crash Course</u>

## NGSS Standard: 3-ESS2-1-

Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.

Objective: Students will be able to make and analyze a graph in Google Sheets on March Weather Patterns in Eastern, PA.

Objective: Students will be able to get outside during this time of isolation!

Have students answer the following questions (based off the video)

What is Weather?

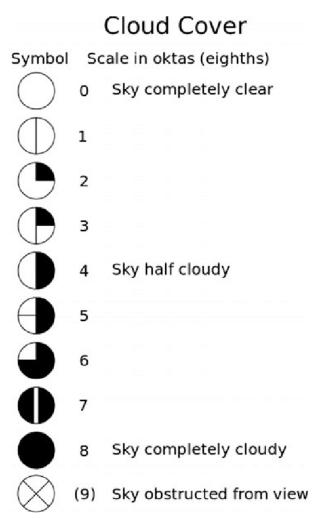
What is Climate?

Daily Weather Patterns (Eastern PA) \* Recordings should be taken at the same time everyday.

Date	Temperature (C)	Cloud Cover	Observations and Predictions
March 18			
March 19			
March 20			

March 21		
March 22		
March 23		
March 24		
March 25		
March 26		
March 27		
March 28		

How to Measure Cloud Cover:



Once the data is complete, students can graph the data using Google Sheets and/or simply by using graph paper. I will then have my kids explain the data trends in their own words.