

## WJCC School Closure Learning Plan - 6th Grade Science

Dear WJCC Families,

We are facing significant challenges throughout our nation due to the COVID-19 pandemic. As a result, WJCC Schools will be closed for the remainder of the academic year per the direction of Governor Northam. The Virginia Department of Education will provide guidance on continued teaching and learning over the next few days.

Throughout this time, we will continue to provide resources and activities to support learning. The resources in this packet will help your child practice important skills and review content. This supplemental packet should support learning activities from March 30<sup>th</sup> – April 3<sup>rd</sup>. Additional resources may be posted on Student VUE for certain subjects. Students are encouraged to check Student VUE during this time.

**This work is not required, and it will not be graded.** We simply want families to have access to materials and options during our mandated school closure.

We will be in touch soon with our direction for the remainder of the school year. We hope everyone remains safe and healthy.

Sincerely,  
WJCC Staff

## 6<sup>th</sup> grade Science Learning Plan

Activity 1	Activity 2	Activity 3	Activity 4	Activity 5
Weather Monitoring 1) Record data in weather journal	Weather Monitoring 1) Record data in weather journal	Weather Monitoring 1) Record data in weather journal	Weather Monitoring 1) Record data in weather journal	Weather Monitoring 1) Record data in weather journal 2) Complete Analysis and Reflection
<b>Extension Activity</b>				
Analyzing Weekly Weather Maps				

### **Student Directions:**

1. For one week, watch the weather forecast on TV at WAVY TV 10 or on their website at <https://www.wavy.com/forecast/>. You may also use the weather app on your phone or any other local TV weather station.
2. Each day, fill in the details of the forecast, then take a step outside and record your own weather observations throughout the day.
4. Each day answer the following question: Based on your observations, how accurate was the meteorologist with the forecast? (You may not be able to record your own measurement of temperature, but consider the following questions... Does it feel warm or cold? What is the cloud cover? Is it sunny? Is there any precipitation?)
5. On the last day, complete the analysis section of your weather journal and provide some final thoughts.

# WEATHER JOURNAL

**DATE OF FORECAST: MONDAY March 30**

Predicted High Temperature: \_\_\_\_\_ °F Predicted Low Temperature: \_\_\_\_\_ °F

Predicted Cloud Cover: \_\_\_\_\_

Predicted Chance of Precipitation: \_\_\_\_\_ %

My Outside Observations: \_\_\_\_\_

How accurate was the meteorologist in predicting the weather?

\_\_\_\_\_  
\_\_\_\_\_

**DATE OF FORECAST: TUESDAY March 31**

Predicted High Temperature: \_\_\_\_\_ °F Predicted Low Temperature: \_\_\_\_\_ °F

Predicted Cloud Cover: \_\_\_\_\_

Predicted Chance of Precipitation: \_\_\_\_\_ %

My Outside Observations: \_\_\_\_\_

How accurate was the meteorologist in predicting the weather?

\_\_\_\_\_  
\_\_\_\_\_

**DATE OF FORECAST: WEDNESDAY April 1**

Predicted High Temperature: \_\_\_\_\_ °F Predicted Low Temperature: \_\_\_\_\_ °F

Predicted Cloud Cover: \_\_\_\_\_

Predicted Chance of Precipitation: \_\_\_\_\_ %

My Outside Observations: \_\_\_\_\_

How accurate was the meteorologist in predicting the weather?

\_\_\_\_\_  
\_\_\_\_\_

**DATE OF FORECAST: THURSDAY April 2**

Predicted High Temperature: \_\_\_\_\_ °F Predicted Low Temperature: \_\_\_\_\_ °F

Predicted Cloud Cover: \_\_\_\_\_

Predicted Chance of Precipitation: \_\_\_\_\_ %

My Outside Observations: \_\_\_\_\_

How accurate was the meteorologist in predicting the weather? \_\_\_\_\_

**DATE OF FORECAST: FRIDAY April 3**

Predicted High Temperature: \_\_\_\_\_ °F Predicted Low Temperature: \_\_\_\_\_ °F

Predicted Cloud Cover: \_\_\_\_\_

Predicted Chance of Precipitation: \_\_\_\_\_ %

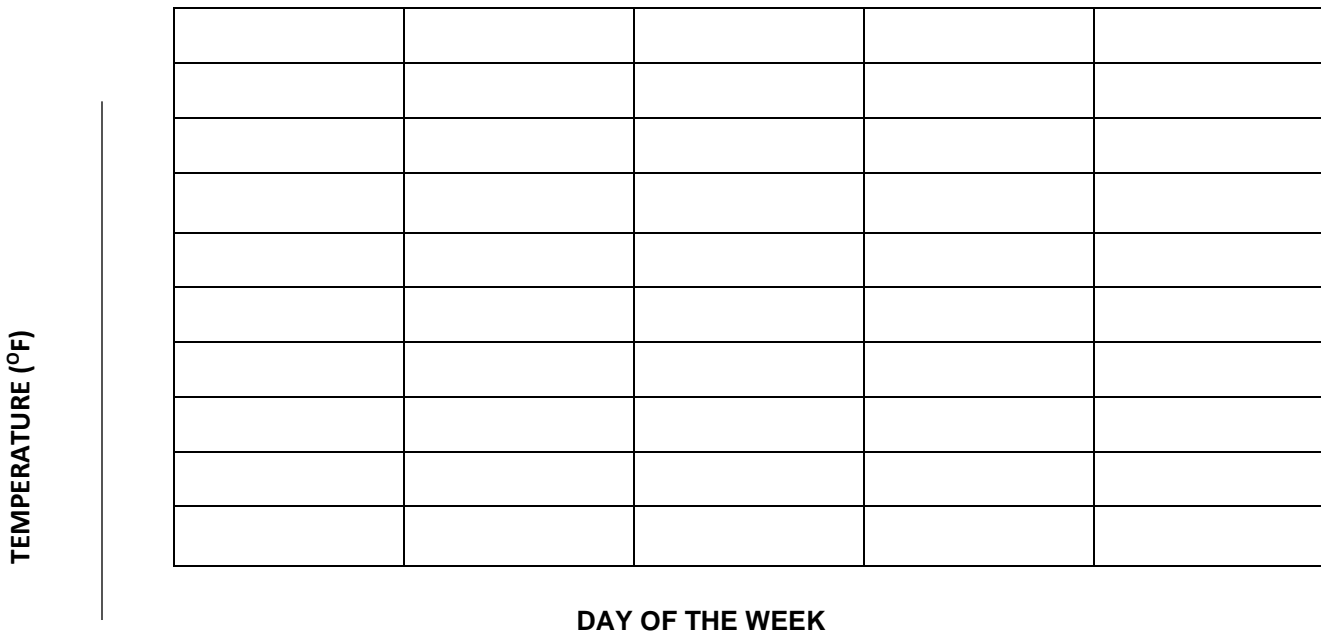
My Outside Observations: \_\_\_\_\_

How accurate was the meteorologist in predicting the weather? \_\_\_\_\_

## Analysis Section

1. Create a line graph below for the high and low temperatures for the week. Use red for the high temperature line, and blue for the low temperature line.

**TITLE:** \_\_\_\_\_



KEY: Red – High Temperature Blue – Low Temperature

**Reflection:** Why is it important to be able to accurately predict the weather?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Optional Extension: Analyzing Weather Maps

Student Directions: On Friday, go to the following website to look at weather maps for the week.  
[https://www.wpc.ncep.noaa.gov/noaa/noaa\\_archive\\_as.php?month=03&day=23&year=2020&format=gif&lang=english&cycle=12&reset=no](https://www.wpc.ncep.noaa.gov/noaa/noaa_archive_as.php?month=03&day=23&year=2020&format=gif&lang=english&cycle=12&reset=no)

1. What fronts, if any, do you notice near Virginia throughout the week?

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2. What observable effects do these fronts have on the weather and temperature?

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3. Looking at the weather map for Friday, do you expect the high temperature on Saturday to be higher or lower than Friday? Explain.

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