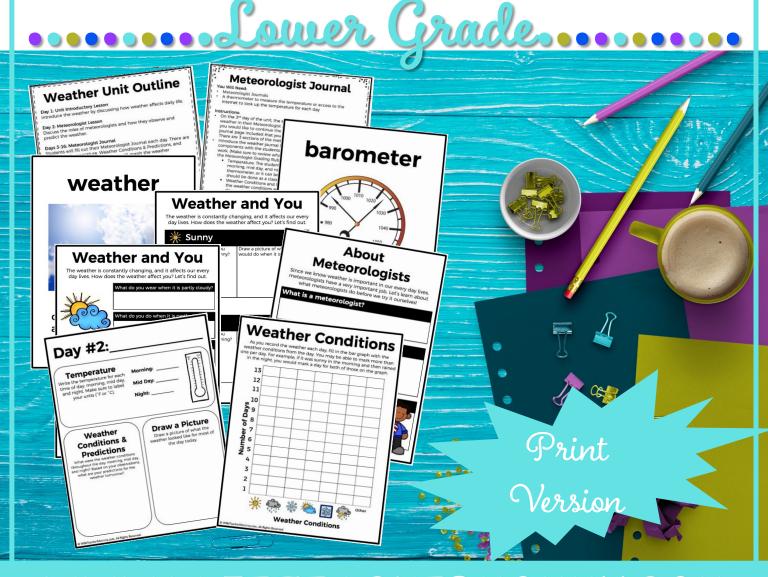
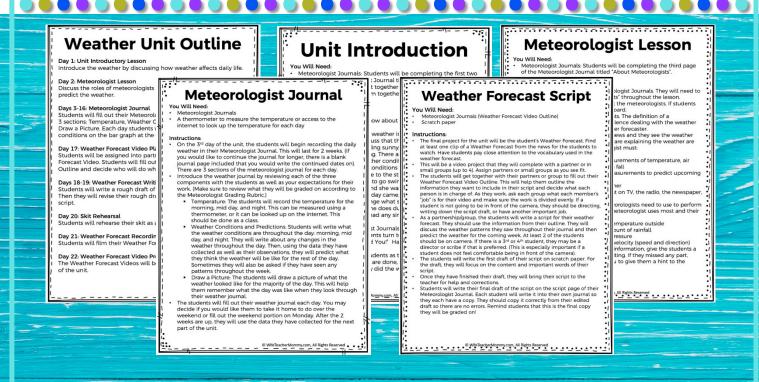
## Weather Reporter Unit

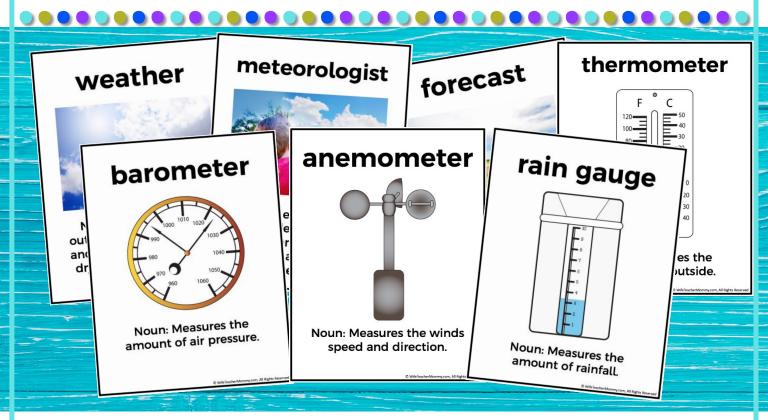


## Easy to Follow Unit Outline and Multiple Engaging Lesson Plans



We have included everything you need in order to execute a seamless Weather focused thematic unit that your students will love! We have also included all the detailed lesson plans you will need for each element of this unit and final project.

## Bright Informative Posters to Introduce Vocabulary



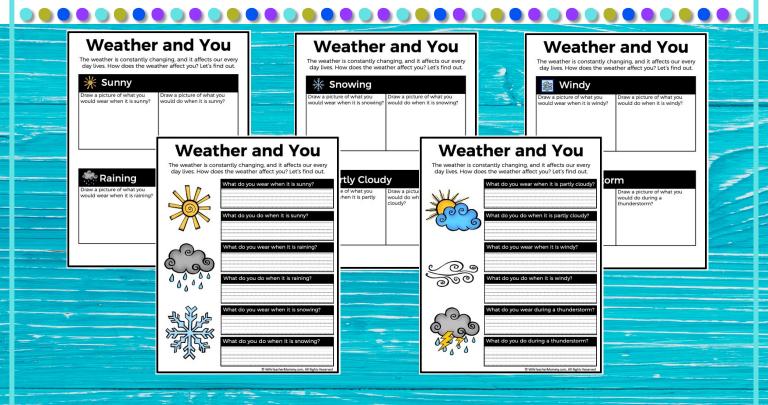
We have included a fun, informative, colorful poster for each of the vocabulary words for teachers to use while introducing the unit's vocabulary words and for use throughout the entire unit.

## Letter to Parents and Meteorologist Journal Covers



We love to keep our students' parents informed so we have included a letter template to send to the parents/guardians. We have also created exciting Meteorologist Journal covers for each of your students.

### Weather and You Worksheets to Help Students Create Connections Between the Weather and Themselves



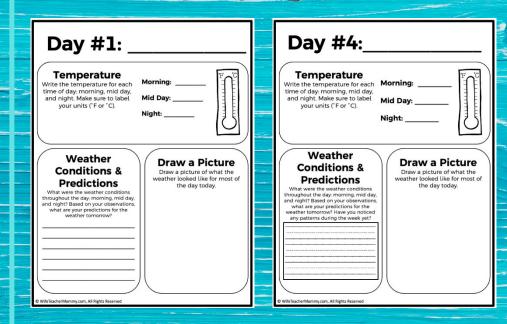
It it not only important for your students to understand the weather, but they also need to understand how the weather affects them and our community, so we have created multiple differentiated worksheets to help students make the connections between the weather and themselves.

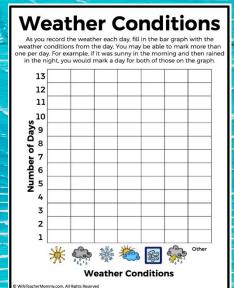
## Multiple Differentiated "About Meteorologists" Worksheets



We have developed multiple versions of the "About Meteorologists" worksheets to reach all learners and help them learn about what a meteorologist is, what tools they use, and what things they do while at work.

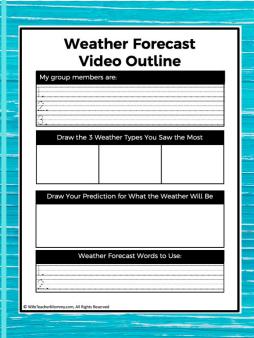
## Two Weeks of Weather Tracking Worksheets to Help Students Identify the Daily Weather



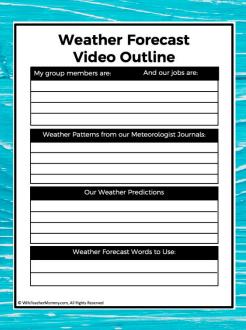


Your students will love tracking the weather throughout the day and completing the Weather Conditions bar graph. It will also help them identify weather patterns throughout the week.

## Weather Forecast Video Outline Pages to Help Your Students Prepare for Their Final Forecast Project

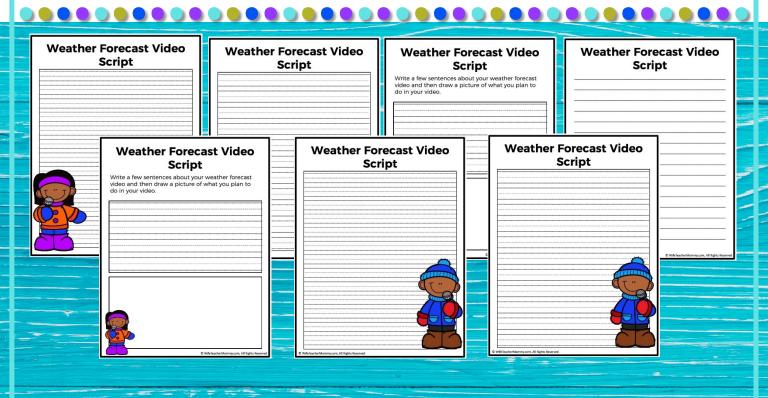






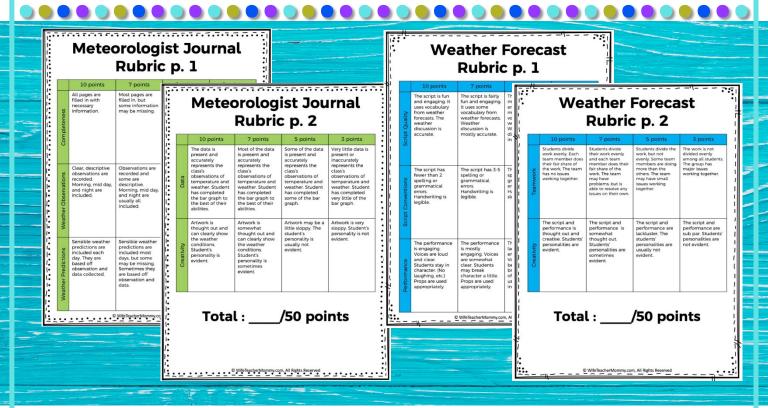
For their final project, your students will create a Weather Forecast Video in a small group. We have created multiple differentiated worksheets to help your students create an outline for their final forecast.

## Multiple Differentiated Writing Pages for Their Weather Forecast Video Script



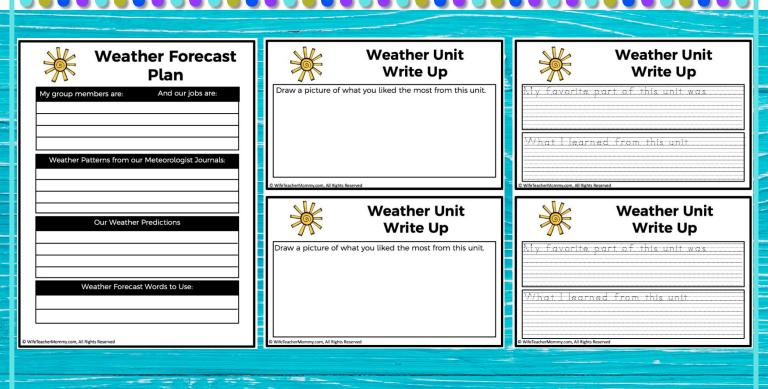
We have created and included multiple writing page options for students of all skill levels. Students will work in a small group to develop their Weather Forecast Video Script for their final project.

## Thorough Easy To Follow Grading Rubrics for Each Project



We have included easy to follow grading rubrics for the Meteorologist Journal and Weather Forecast Projects to help you make the tough decisions that go along with grading each student's projects.

## Weather Unit Write Up for Students to Complete at the End of the Unit



It is important to get feedback from your students about their likes and dislikes of each unit. We have included multiple options for Weather Unit Write Up pages to help you understand what parts they enjoyed.

#### **Note to Educator**

Congratulations on your purchase! The Weather Thematic Unit should provide fun, appealing, educational science activities all centered around the weather. All you need to do is print and go! We know your kids will benefit from these exciting activities.

To prepare your printable activities, start printing from page five. Simply print or copy each page! We highly recommend organizing them in a binder for your children.

Mommy Club

Rest easy now! @

- Team Wife Teacher Mommy

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#### **Weather Unit Outline**

Day 1: Unit Introductory Lesson Introduce the weather by discussing how weather affects daily life.

Day 2: Meteorologist Lesson
Discuss the roles of meteorologists and how they observe and
predict the weather.

Days 3-16: Meteorologist Journal
Students will fill out their Meteorologist Journal each day. There are
3 sections: Temperature, Westher Conditions & Predictions, and
Draw a Picture. Each day students will graph the weather
conditions on the bar graph at the end of their journals.

Day 17: Weather Forecast Video Planning

Day 21: Weather Forecast Recording
Students will film their Weather Forecast Video.

Day 22: Weather Forecast Video Presentations
The Weather Forecast Videos will be presented as the culmination of the unit.

#### **Unit Introduction**

- Remind the students that weather is something that is constantly around us. Discuss that there are many kinds of weather conditions, including sunny, partly cloudy, cloudy, windy, raining, and snowing. There are even thunderstorms, hail, and sleet! Write each weather condition down as it is discussed. Discuss that the weather conditions affect our every day lives.
- Discuss that the weather conditions affect our every day lives. Give the following example to the students:

   Kathy was so excited to go swimming on Saturday! She got a new bathing suit, and she was excited to wear it. However, when Saturday came, it was snowing! How do you think this would change what she wears? How do you think it will change what she does during her day?

  Ask students if they have had any similar experiences. You may have a few of them share.
- Ask students if they have had any similar experiences. You may have a few of them share. Hand out the Meteorologist Journals if students do not already have them. Have the students turn to the first two pages of the journal titled 'Weather and You' 'Have students fill out these pages individually. Walk around and assist students as they complete these two pages. When the students are done, have them raise their hand so you can check that they did the work correctly.

### \*

#### **Meteorologist Lesson**

logist Journals: Students will be completing the thin eteorologist Journal titled "About Meteorologists".

stated in the state of the stat

- - surements to predict upcoming
- Use their observations and measurements to predict upcoming weather
   Conduct research about weather
   Broadcast the weather forecast on TV, the radio, the newspaper, and the internet

  Discuss some of the tools that meteorologists need to use to perform their job. Here are 4 of the tools a meteorologist uses most and their foundables.
- functions:

  Thermometer: Measures the temperature outside
  Rain Gauge: Measures the amount of rainfall
  Barometer: Measures their pressure
  Amemorater: Measures their pressure
  Amemorater: Measures which velocity (speed and direction)
  Once you have discussed all of this information, give the students of the wronce minutes to finish their writing. If they missed any students can raise their hand for you to give them a hint to the answer.

#### **Weather Forecast Script**

#### You Will Need:

Meteorologist Scratch paper ologist Journals (Weather Forecast Video Outline)

#### Instructions

- New reliance. The first project for the unit will be the student's Weather Forecast. Find at least one clip of a Weather Forecast from the news for the students to watch Have students and client on the vice the students and the watch Have students and client properties. As the students are the students will deep originate that they will complete with a partner or in small groups (up to 4). Assign partners or small groups as you see fit. The students will get together with their partners or group to fill out their Weather Forecast Video Outline. This will help them outline the information they want to include in their script and decide what each information they want to include in their script and decide what each information they want to include in their script and decide what each information they going to be in front of the camera, they should be directing, writing down the script foraft, or have another important job. As a partnership/group, the students will write a script for their weather forecast. They should use the information from their outline. They will discuss the weather patterns they saw throughout their journal and then predict the weather for the coming week. At least 2 of the students of the students are considerable was required.

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#### **Weather Forecast Video**

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#### You Will Need

- Meteorologist Journals (Weather Forecast Script) Video camera (can be a camcorder, teacher's tablet/cell phone camera,
- etc.) (Optional) Props for video including microphone, raincoat, etc.

- (Optional) Props for video including microphone, raincoal, etc.

  Instructions:

  Once the script has been completed, all that is left to do is film! The students can bring any props they would like to use for their videos from home. These could include a microphone, raincoat, umbreila, etc. You could provide any of these items if you prefer.

  Give the students 10-15 minutes to rehearse their video. All students should be participating in the rehearset even if they will not be on camera. He year not on camera, they can be reminding their partners should be participating in the rehearset even if they will not be on camera. He year not on camera, they can be reminding their partners.

  Groups may continue to rehearse as you pull one group at a time outside the classroom to film their weather forecast. As you film, make sure the students stay in the camera view. Make sure they speak loudly and clearly so they can be heard. Ensure that the students include all necessary information in their videos.

  Once the videos are completed, they should be presented in a FUN way! You could have a "Weather Forecast Program" within the next few days once you have had a chance to review the videos. This could be a creat time invite parents to watch their children's final projects or in the part of the partners of the parents o

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#### **Meteorologist Journal**

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  completes with the several and the set there
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  completes with the several and the sev

## weather



utsi rega aryness, sunshine, wind, rain, etc.





who deals with the weather and climate, also known as a weather forecaster.

### forecast



Verb: To predict or estimate the weather conditions.

## thermometer



Noun: Measures the temperature outside.



Noun: Measures the amount of air pressure.

# anemometer

Noun: Measures the winds speed and direction.

Noun: Measures the amount of rainfall.

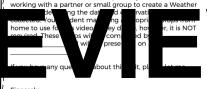
### **Dear Parent or Guardian,**

We are starting a new unit about the weather! Your student will become a meteorologist and will be completing a meteorologist journal each day for 2 weeks, beginning on and ending on ... The weather journal includes three

- Temperature: Students will record the temperature for
- The morning, mid day, and night.

  Weather Conditions and Predictions: The students will write down their observations from the weather that day and predict what the weather will be like the next day. They will also observe patterns in the weather.
- Draw a Picture: Students will draw a picture of what the weather looked like each day.

After the two weeks are completed, your student will be



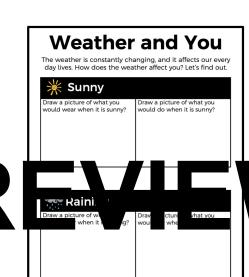
### My **Meteorologist Journal**

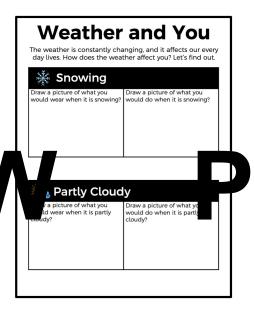


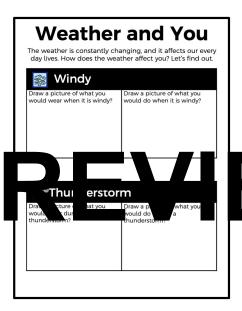
This Journal **Belongs To:** 

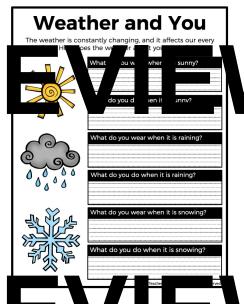
## Мy **Meteorologist**

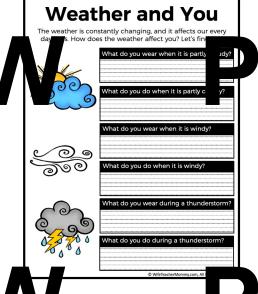


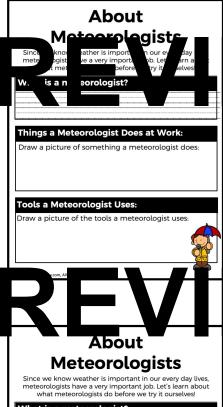


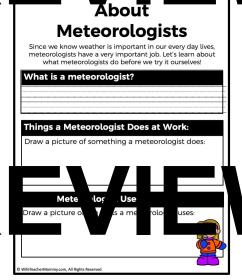


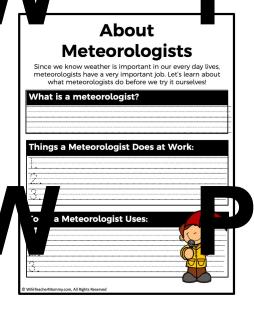


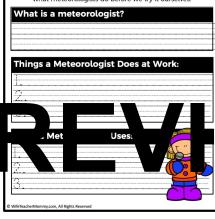


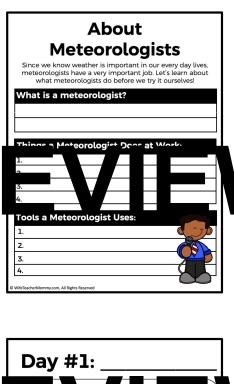


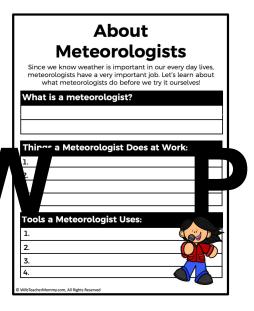












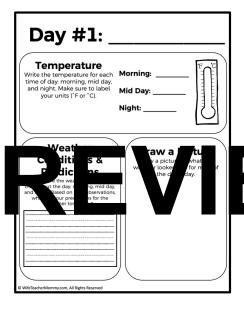
Morning: Mid Day: Night:

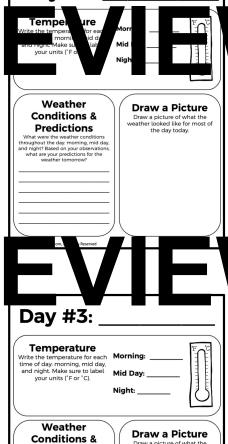
**Draw a Picture** 

Day #2:

hperature

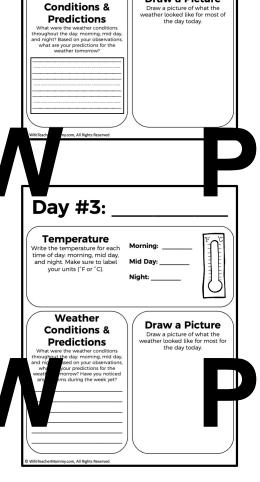
Weather

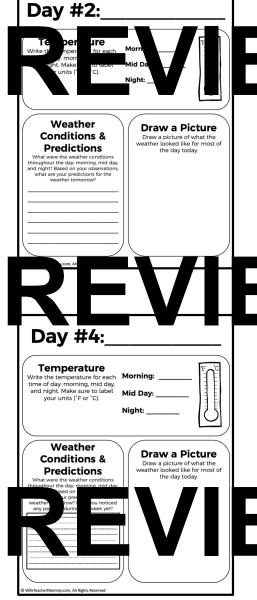


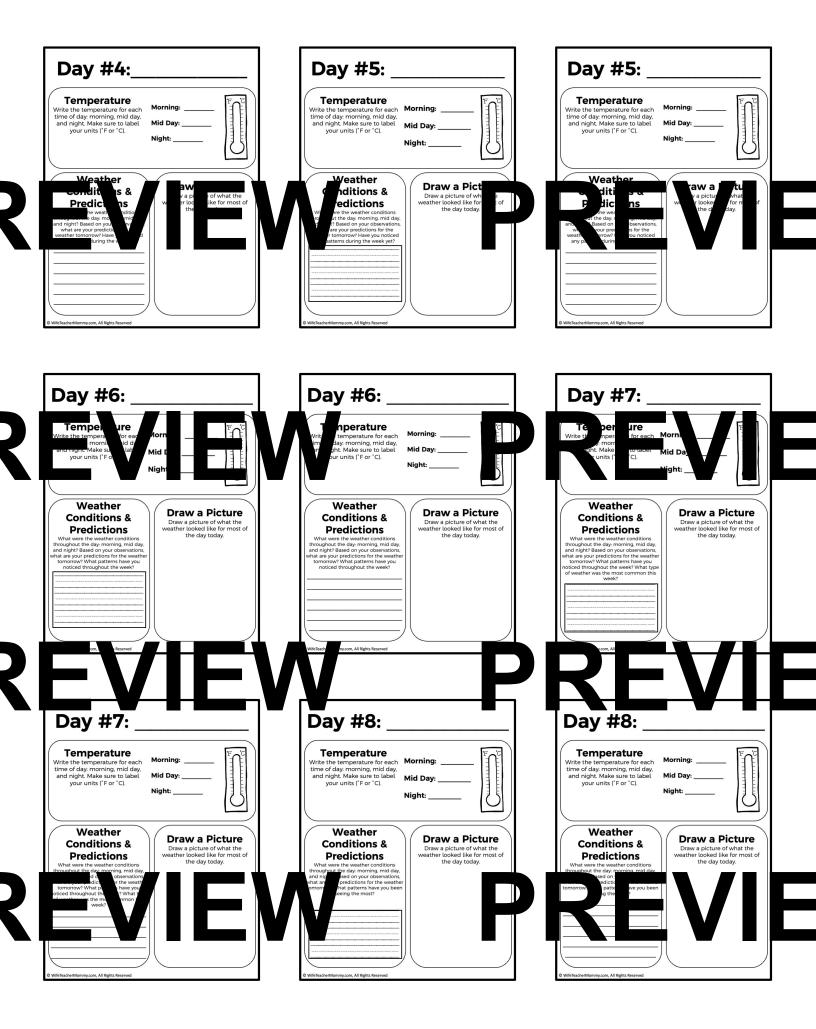


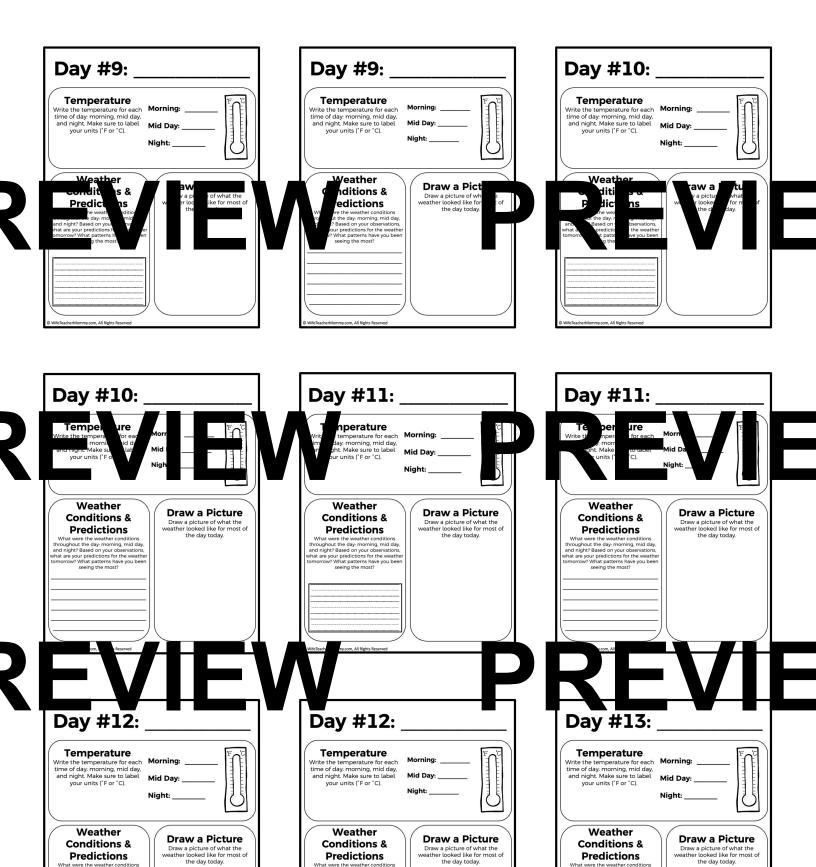
**Predictions** 

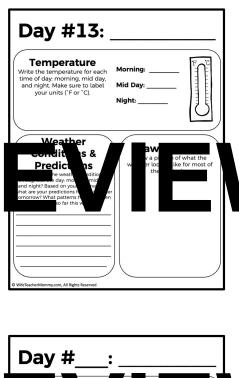
Draw a picture of what the eather looked like for most for the day today.

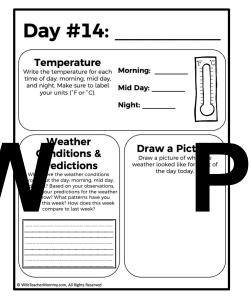


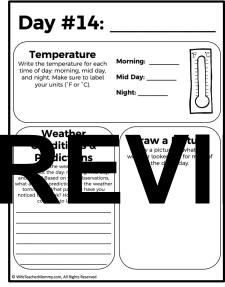


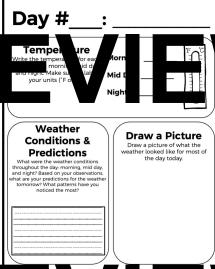


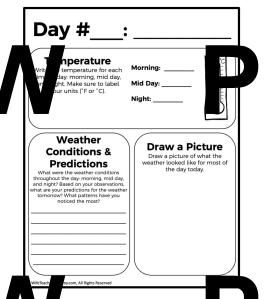


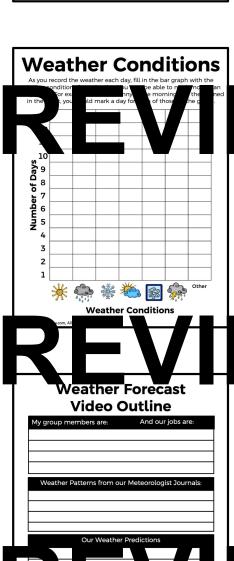


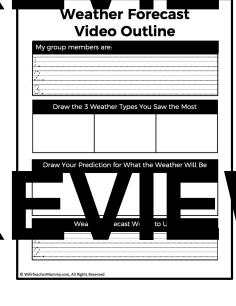


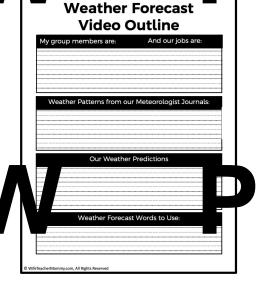


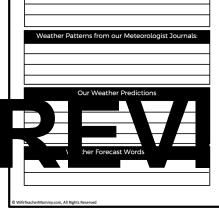


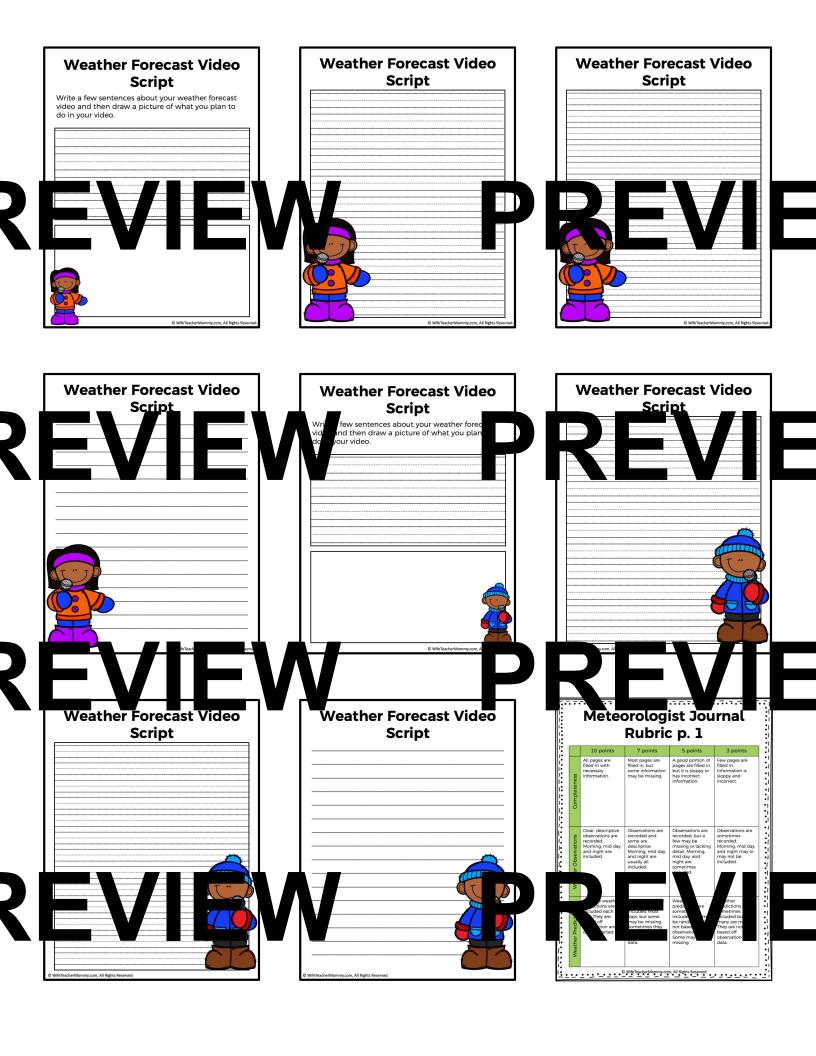


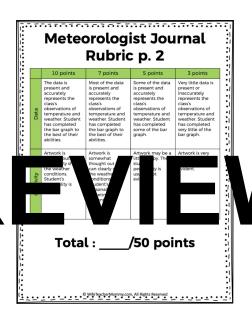


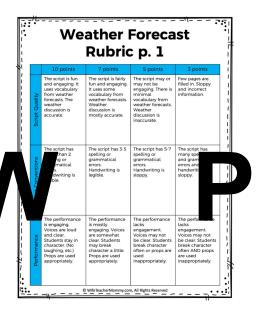


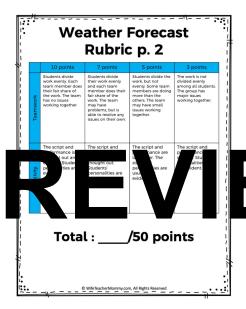










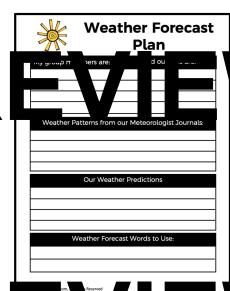


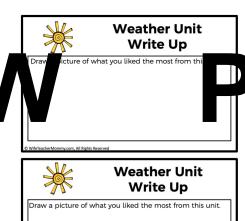
**Weather Unit** 

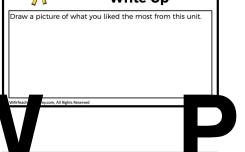
Write Up

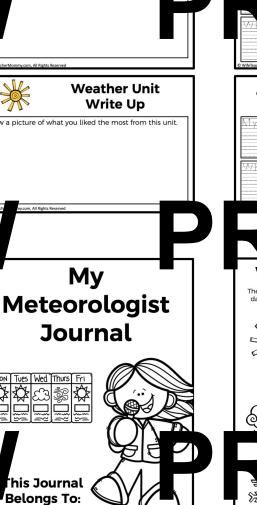
**Weather Unit** 

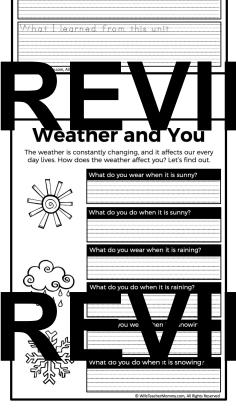
Write Up

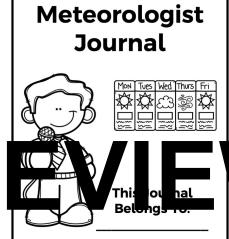


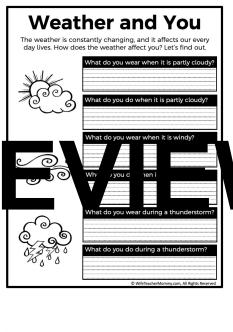


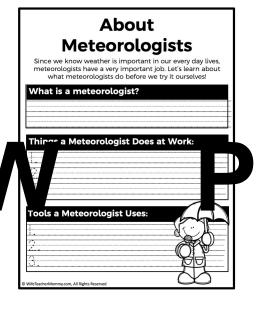


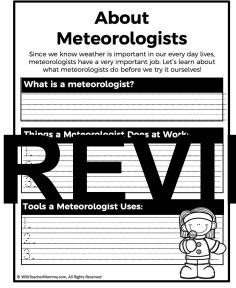


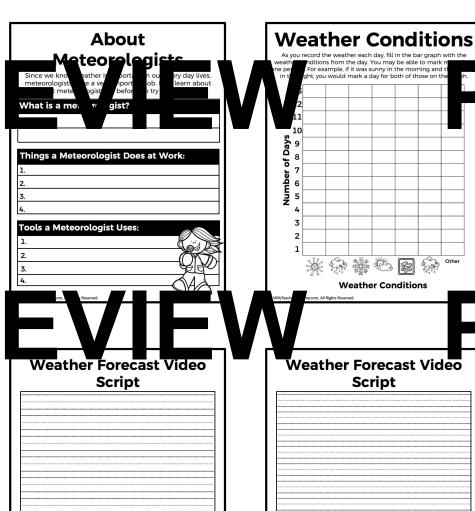


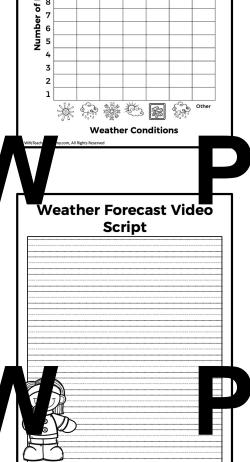


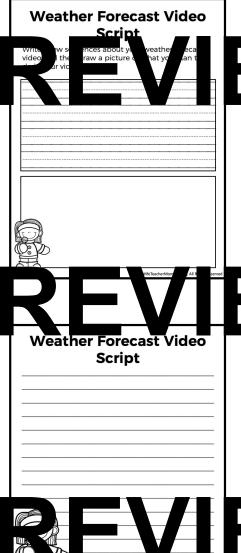




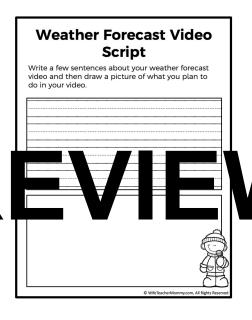


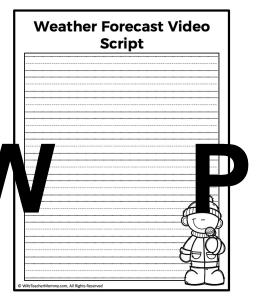


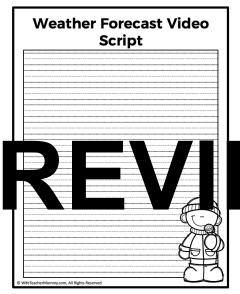










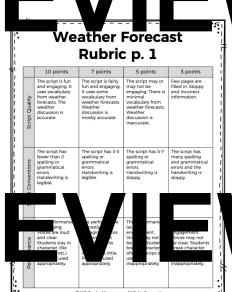


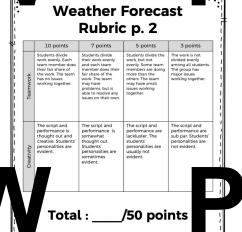


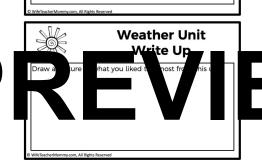
	0 points	7 points	5 points	3 po
0	pages are id in with cessary ormation.	Most pages are filled in, but some information may be missing.	A good portion of pages are filled in, but it is sloppy or has incorrect information.	Few page filled in. Informatie sloppy an incorrect.
Weather Observations	Clear, descriptive observations are recorded. Morning, mid day, and night are included.	Observations are recorded and some are descriptive. Morning, mid day, and night are usually all included.	Observations are recorded, but a few may be missing or lacking detail. Morning, mid day, and night are sometimes included.	Observations are sometimes recorded. Morning, mid day, and night may or may not be included.
Weather Predictions	Sensible weather predictions are included each day. They are based off observation and data collected.	Sensible weather predictions are included most days, but some may be missing. Sometimes they are based off observation and data.	Weather predictions are sometimes included, but may be random and not based off observation. Some may be missing.	Weather predictions are sometimes included but many are missing. They are not based off observation or data.

**Meteorologist Journal** 

Data	oints The is and detey the sent the sen	7 points  Most of the data  epresents the class's bbservations of emperature and  the par graph to the best of their abilities.	sints  Son the data is price and accurate price accurate class's observatemperate weather shas complisome of the bar graph.	poin little di lent or ccurately presents t lass's observations temperature weather. St. has complet very little of th bar graph.
Creativity	Artwork is thought out and can clearly show the weather conditions. Student's personality is evident.	Artwork is somewhat thought out and can clearly show the weather conditions. Student's personality is sometimes evident.	Artwork may be a little sloppy. The student's personality is usually not evident.	Artwork is very sloppy. Studer personality is r evident.

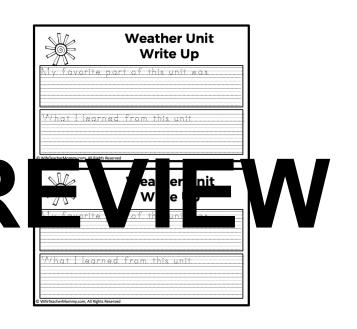






Draw a picture of what you liked the most from this unit.

Write Up



## **PREVIE**

REVIEW

**PREVIE** 

REVIEW

**PREVIE** 

REVIEW

**PREVIE**