

# TV Station Meteorologist

Your job today as the Meteorologist will be to conduct weather observations, collect weather data, perform an experiment on air pressure and present “on air” weather reports for the TV show. You will use and refer to the Weather app and Meteorologist Workbook for your information.

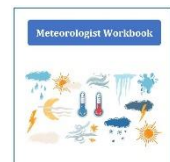
## 1. Get iPad From the Cart



Your job requires you to use an iPad today. Go to the iPad cart to pick up **iPad #44**. A teacher will be at the cart if you need assistance.

## 2. Read Meteorologist Workbook

- Read pages 2-4 on **Overview of Your Job** and **Temperature**.
- Answer the questions on average and record temperatures at the bottom of your **Weather Report Worksheet** (located on a clipboard in the wall pocket).



## 3. Use Weather App



Using the **Weather app** on your iPad, complete the “Reading 1 – Today’s Weather” column on your **Weather Report Worksheet**.

## 4. Record Weather Segment #1

After the Pledge of Allegiance, record your first weather report in the recording booth, following the directions below:

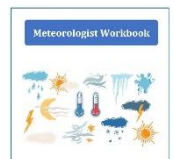
- Use the “Reading 1 – Today’s Weather” on your **Weather Report Worksheet**.
- Post the current temperature and weather symbols onto the weather sign board. These are located in your work area.
- You can post temperatures and weather symbols for York and your hometown, if it is not York.
- Take your weather board into the recording booth to present today’s weather “on air”.

## 5. Outside Weather Observation

Complete the **Outside Weather Observation Worksheet** on the clipboard located in the Meteorologist wall pocket. With a teacher’s assistance, go outside and complete the worksheet.

## 6. Meteorologist Workbook

- Read pages 5-9 to learn more about humidity, wind, clouds and air pressure. These are important to understand for your upcoming experiment.
- Read pages 13-15 for your Experiment on Air Pressure – Creating a Cloud in a Bottle.
- Become familiar with the materials being used for the experiment.
- Read and understand the steps you will follow to perform the experiment.



## 7. Perform the Experiment

- Follow the steps in the Workbook to perform the experiment.
- Review the cue cards of the Cloud in a Bottle experiment in your work area.
- Practice presenting your experiment for the “on air” segment.

## 8. Record the Experiment

During the **yellow lunch break**, record your experiment “on air” in the recording booth.

## 9. Use Weather App



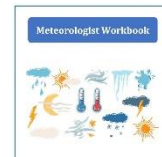
During the **red shopping break**, use the **Weather app** on your iPad to complete the “Reading 2 – Tomorrow’s Weather” column on the **Weather Report Worksheet**.

## 10. Record Weather Segment #2

During the yellow shopping break, record your second weather report “on air” in the recording booth, using the “Reading 2 – Tomorrow’s Weather” on your **Weather Report Worksheet**.

## 11. Meteorologist Workbook

Read pages 10-12 to learn more about Air Quality and the UV Index.



## 12. Weather Around the World Worksheet



Use the **Weather app** on your iPad to complete the **Weather Around the World Worksheet** (located on a clipboard in the wall pocket). Share the information with your volunteer when done.

## 13. Clean Up

- Remove all numbers and weather symbols from the weather sign board at the end of the day and put them back where they belong.
- Assist with business clean up at the end of the day.