

STEAM PROJECT BY ARTIST JESSICA LING FINDLEY

# WATERCOLOR WEATHER REPORT

How do we read the weather report? Create symbols to document in a charts the weather by your observations and compare that to the weather report.

ESTIMATED TIME: 1-2 HOURS

## Predicted Weather

THURSDAY

May 7

Partly Cloudy 76°

FRIDAY

May 8

Mostly sunny 74°



Weather I

Observed

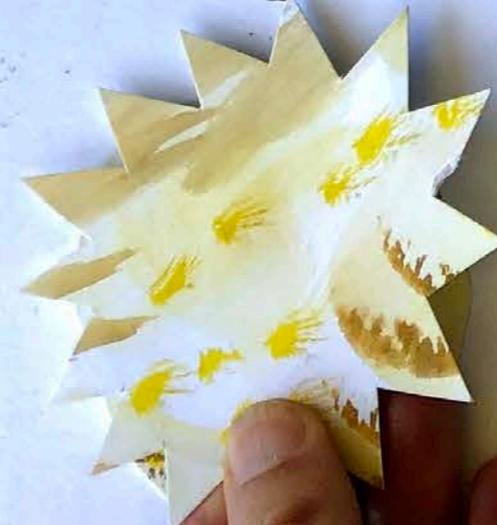
Thursday

Friday

May 7

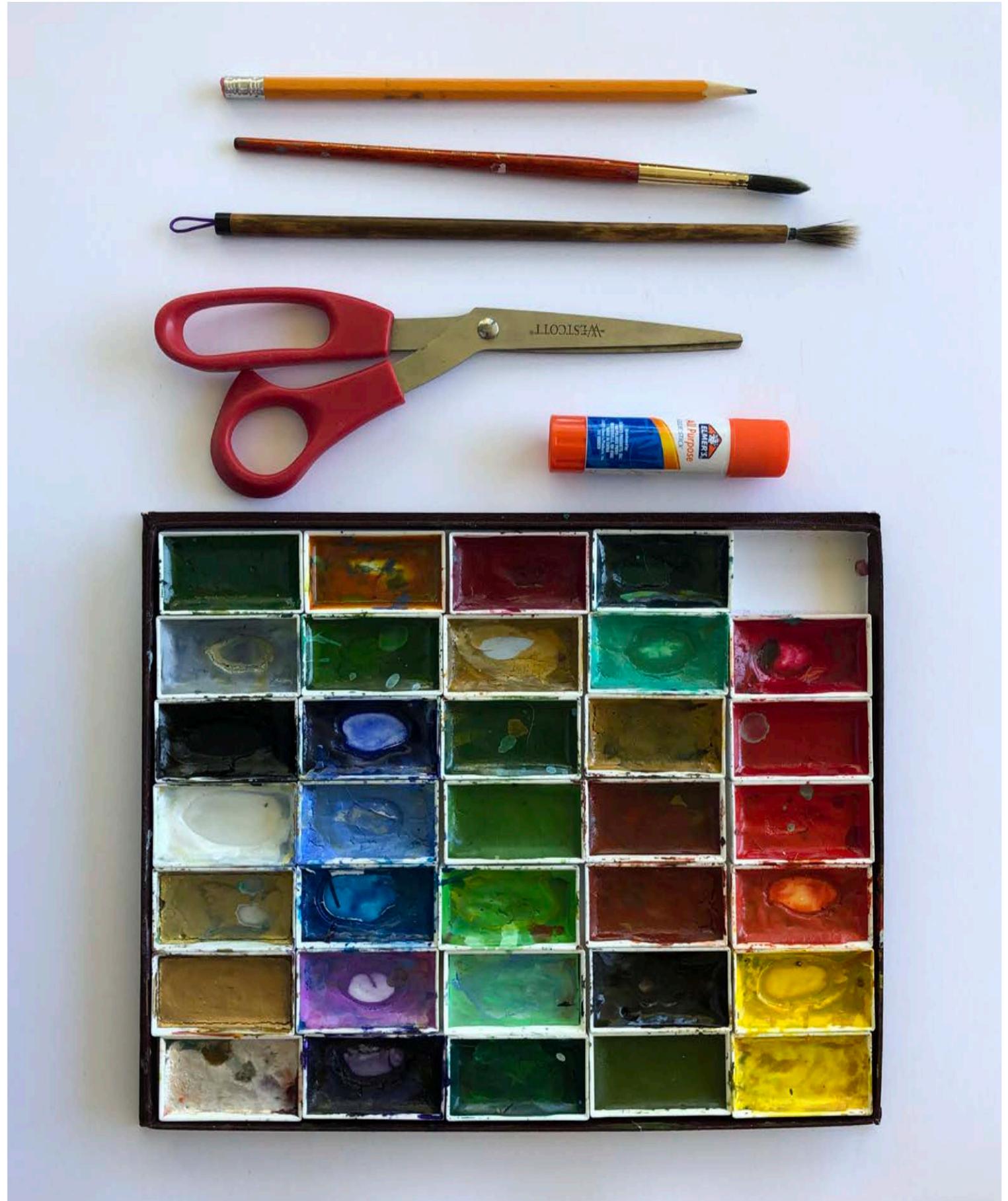
May 8

Sunny 75°



## Materials Needed

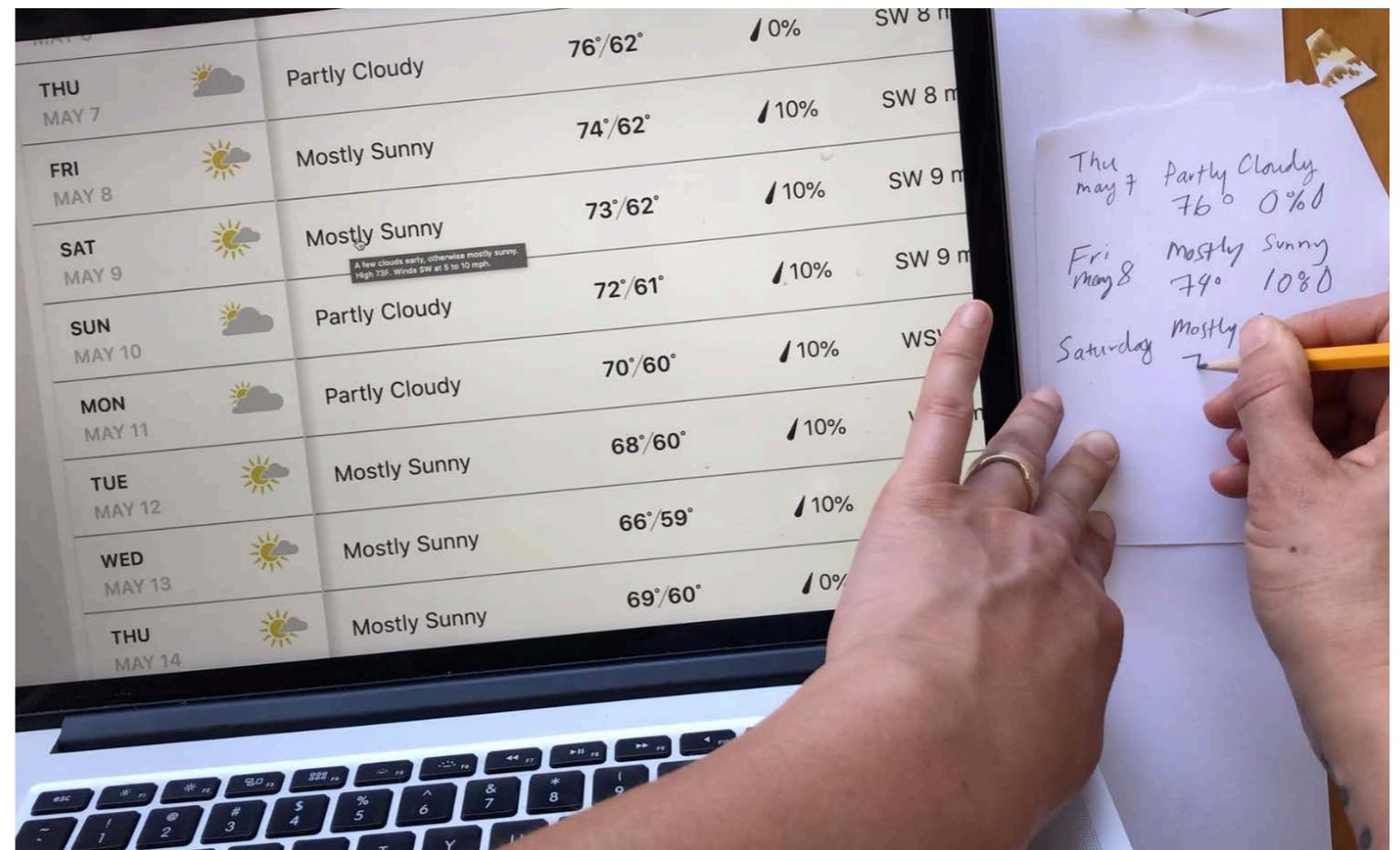
- Paper
- watercolors & paint brush ( if unavailable crayons, colored paper, magazines will work)
- Glue stick (regular glue or flower mixed with water will work for paste)
- scissors



## STEP 1

# LOOK UP YOUR WEATHER REPORT

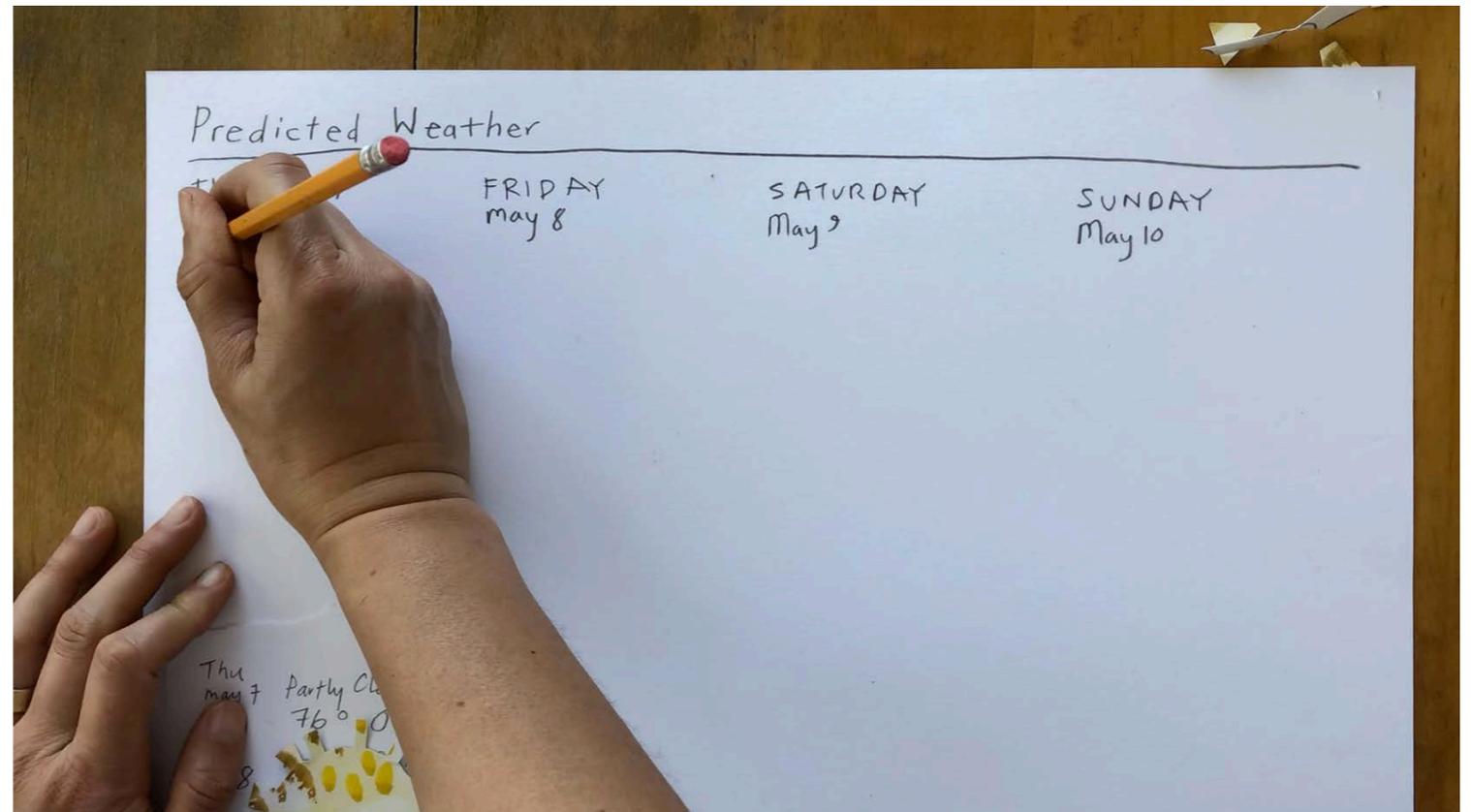
- Look up the week's weather report in your neighborhood <https://weather.com>
- List the conditions of the week ahead. Check out the temperature and chance of rainfall. What would be good activities for those days?



## STEP 2

# MAKE A CHART FOR THE DAYS AHEAD

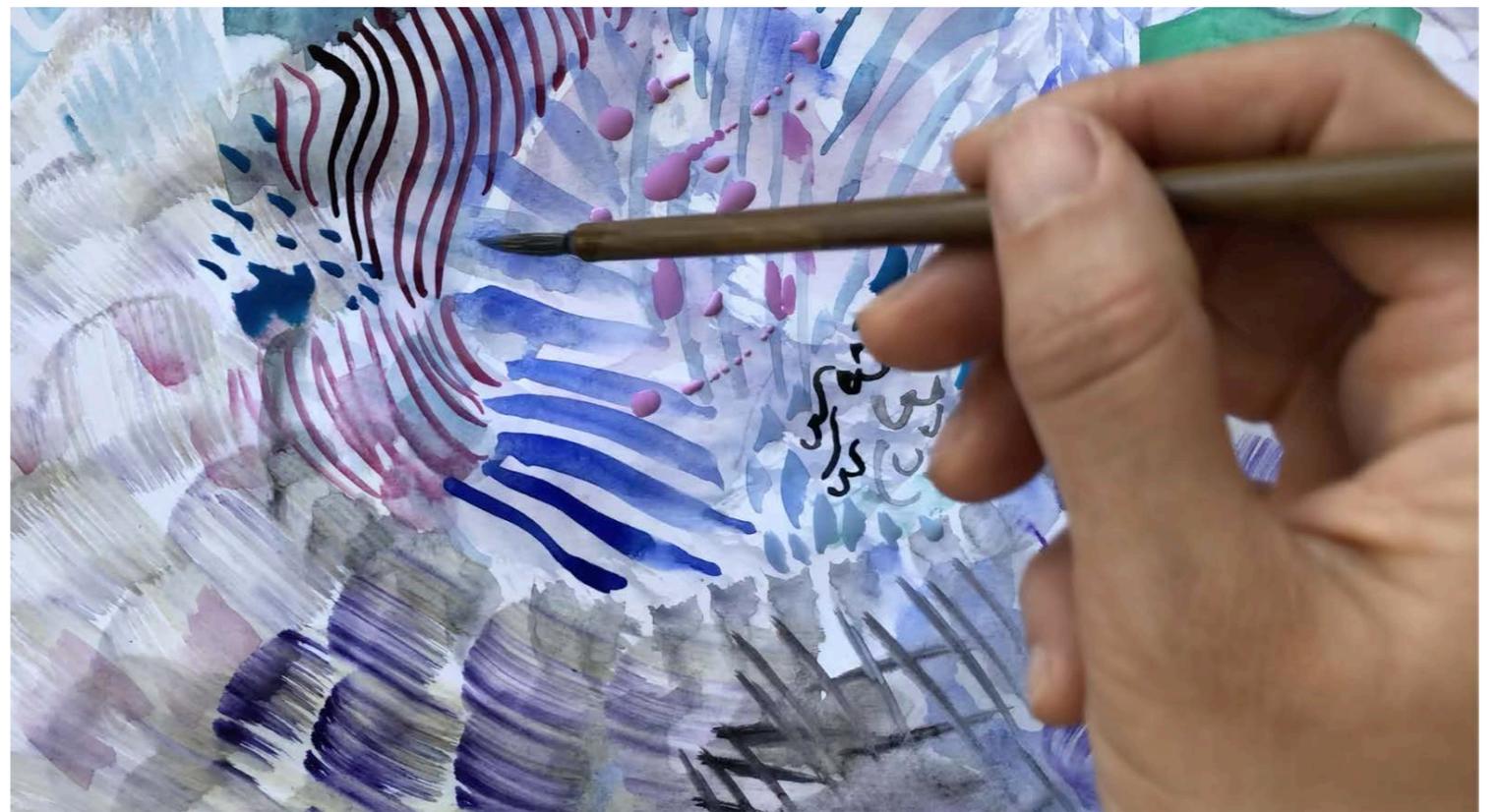
- Write out the weather report prediction for the week (not 4 days as depicted) in a chart leaving a row for your own observations.
- Geography challenge: Pick a location that is in a different geographical region from where you live (beach, mountains, valley) and log the weather forecast on your chart for those days to compare at the end of the week.



### STEP 3

## DECORATE PAPER TO USE FOR WEATHER SYMBOLS

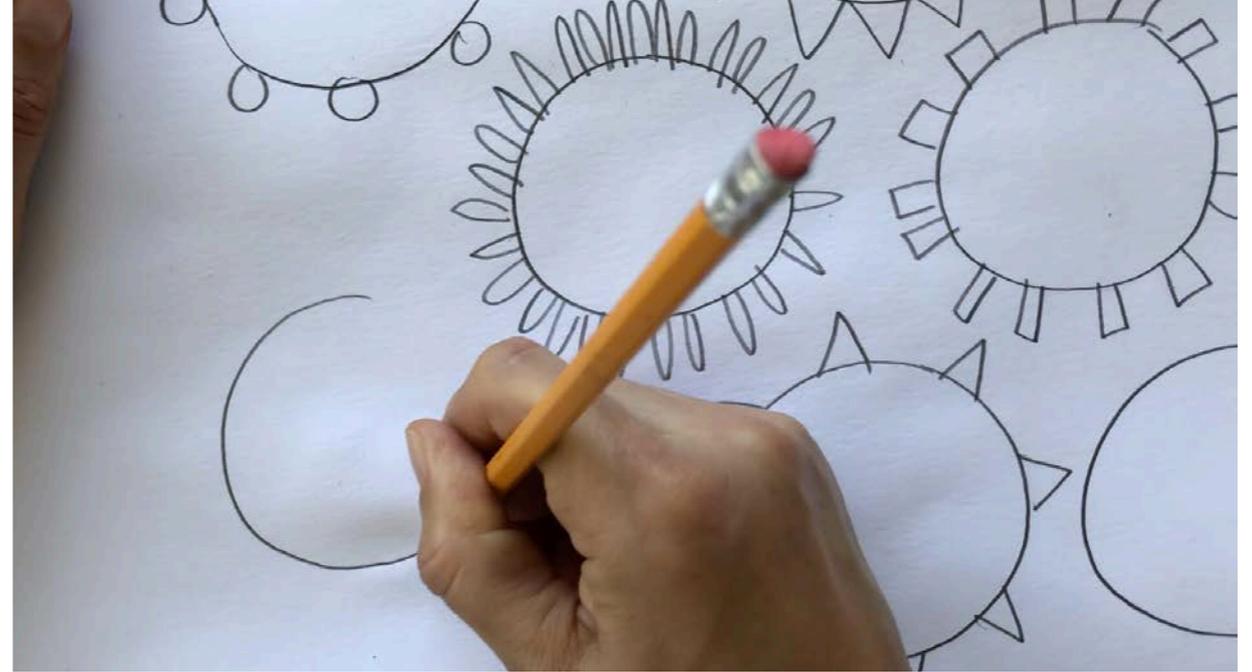
- Use paper you paint on to cut and make weather symbols for the types of weather ( for example partly cloudy, Rainy, Sunny, Overcast ) for different days and paste them into your chart.
- What colors will your symbols be? Why?



#### STEP 4

# CUT OUT YOUR SYMBOLS

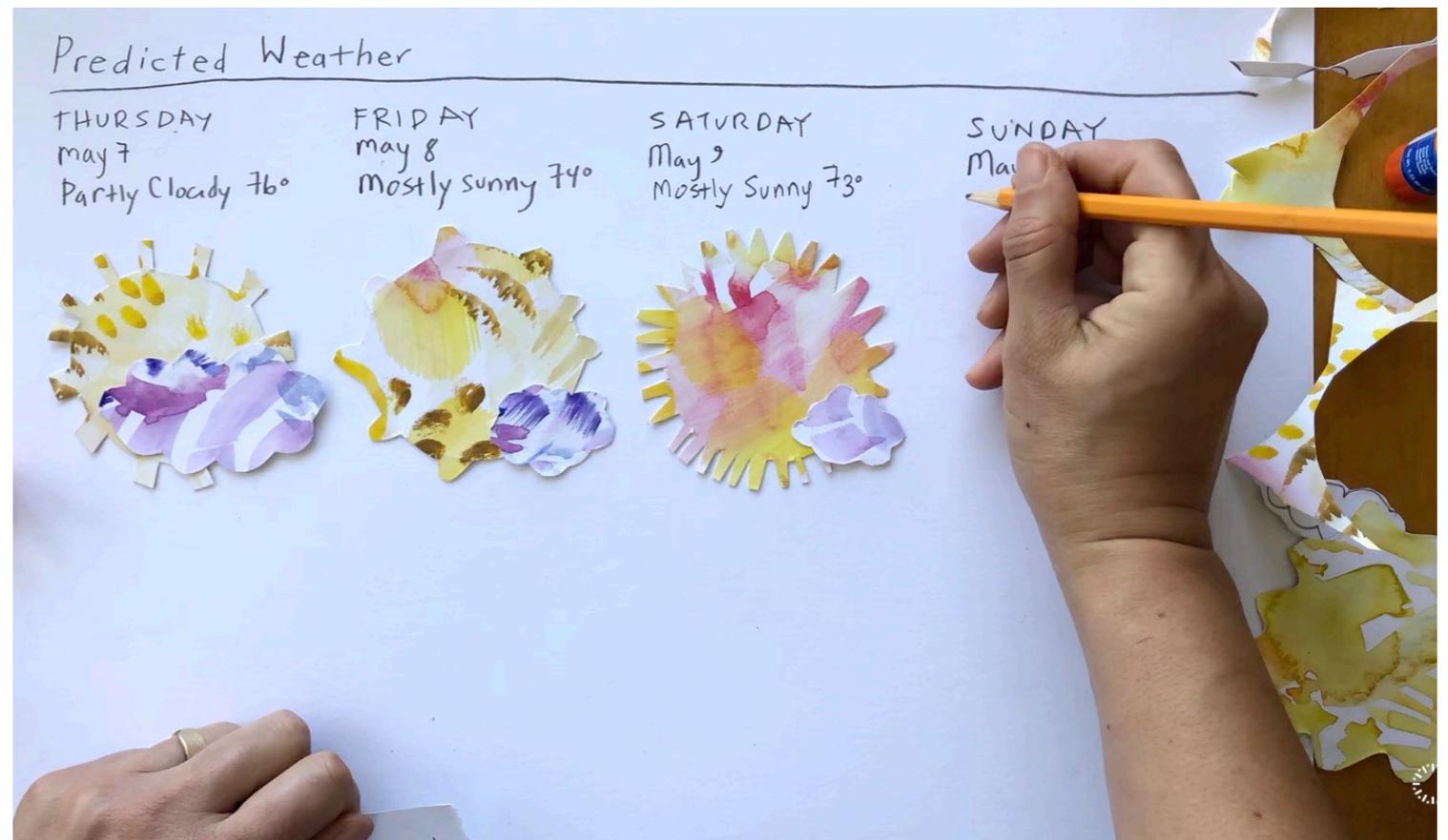
- Using the weather forecast, what symbols will you use to explain the different weather reports?
- On the back of the colored paper draw your symbols and cut them out.



## STEP 5

# OBSERVE THE WEATHER

- Add the cut out symbols to the weather chart to make pictographs of the day's weather.
- Do you think you can guess the weather just from your pictures? If not what do you need to change?



## STEP 6

# OBSERVE THE WEATHER

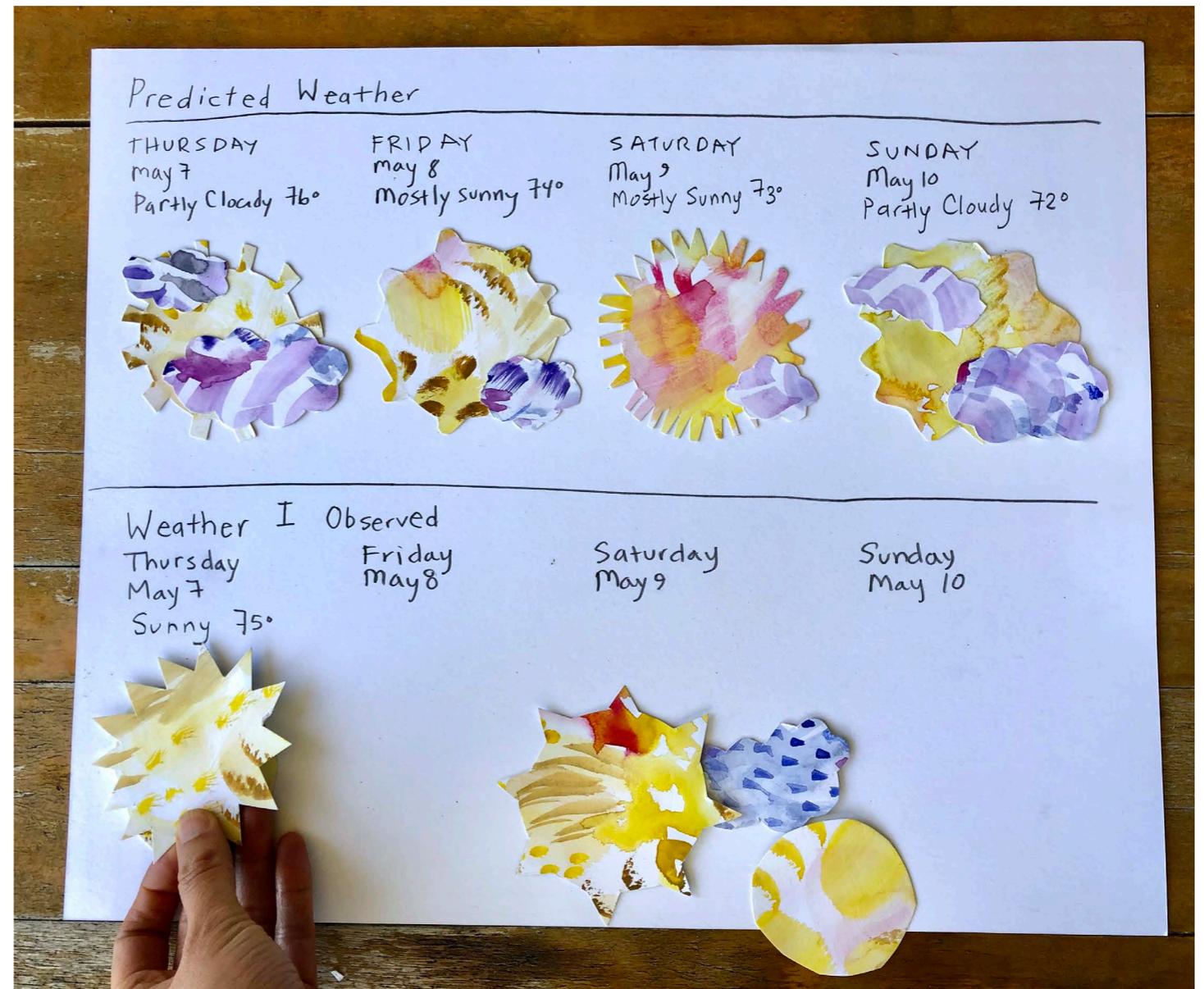
- Go outside every day and check the weather.
- Is it cloudy? Is it sunny? Is it foggy? What kind of activities can you do outside?



## STEP 6

# COMPARE YOUR DATA

- Add your observations to your chart with notes and symbols.
- At the end of the week look at your report and compare: Was the weather report accurate? What was the temperature?
- Adding the geography challenge from step 2? Create your own geographic symbols and compare the different places!
- Can you add all the temperatures for the week and divide them by the number of days you can find the average temperature for the week.
- Can you summarize your thoughts or questions do you have about the weather on the back of your report in writing?
- What season are you in? What differences will you see in 6 months to the weather patterns? What season will that be.



## COMBINING ART, SCIENCE & LANGUAGE OBJECTIVES / STANDARDS GRADE 3

### NGSS Standards

- **3-ESS2-1** Earth's Systems - Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.
- **VAPA Standards**
- **1.2, 2.1, 2.2, 2.3** Enduring Understanding

### ELA Standards

- **Writing** Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- **Reading** Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.



## VOCABULARY

- Weather
- Conditions
- Humidity
- Overcast
- Prediction
- Temperature
- Data
- Infographic
- Pictograph

## RESOURCES

- <https://www.weatherwizkids.com>
- <https://kidsweatherreport.com>

THIS WORKSHOP WAS DESIGNED BY ARTIST AND EDUCATOR JESSICA LING FINDLEY IN ASSOCIATION WITH COTA (COLLABORATIONS: TEACHERS AND ARTISTS )

### MORE LESSONS BY THE ARTIST

[www.JessicaLingFindley.com/lessons](http://www.JessicaLingFindley.com/lessons)

