

TOOLKIT: CLOUD SKETCHES

THEME: NATURE SUBJECT: SCIENCE

ARTISTS: DESIGN 99: Gina Reichert & Mitch Cope

GRADE: recommended K-5th grade

OBJECTIVES

Students slow down and notice the sky, clouds and world around them.

Students learn about the different types of clouds and how that impacts the weather.

KEY QUESTIONS

- I. What does a calming space look like to you?
- 2. Do you have any calming spaces in your community?
- 3. How often do you look at the sky and notice the clouds?

VISUAL REFERENCES

1. Following the Sun 2, (2013) by Design 99: Gina Reichert & Mitch Cope

ACTIVITY

Watch the sky for several days. Choose different times of the day but watch the sky from the same spot. Take photographs / videos or draw what you see. How do the clouds change? How do the colors change? Why do the clouds change? Research clouds and the weather to put names to what you are seeing and observing.

PENNSYLVANIA CORE STANDARDS

SCIENCE

Earth Structure, Processes, and Cycles

Kindergarten

(3.3.K.A5)

- -record daily weather conditions using simple charts and graphs
- -identify seasonal changes in the environment
- -distinguish between types of precipitation

Ist Grade

(3.3.1.A5)

- -become familiar with weather instruments
- -collect, describe, and record basic information about weather over time

2nd Grade

(3.3.2.A4)

- -explore and describe that water exists in solid (ice) and liquid (water) form
- -explain and illustrate evaporation and condensation





3rd Grade

(3.3.3.A4)

-connect the various forms of precipitation to the weather in a particular place and time (3.3.3.A5)

-explain how air temperature, moisture, wind speed and direction, and precipitation make up the weather in a particular place and time

4th Grade

(3.3.4.A5)

-describe basic weather elements. Identify weather patterns over time

5th Grade

(3.3.5.A5)

- -differentiate between weather and climate
- -explain how the cycling of water, both in and out of the atmosphere, has an effect on climate

