

Cloudy Day
Cirrus, Cumulus, Stratus
Imagined Shapes in Clouds

2016 Ms. Cretera's Garden Parents
Outdoor Lesson #16- 2.15.2017
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Objective: Observe if it is Cloudy or Sunny. If cloudy, learn about the different cloud types, by reading an excerpt of 'The Cloud Book' Reinforce by having the kids draw the cloud types on the blacktop. Imagine what you see in the clouds.

Time/location: The entire lesson can be done in 30-40 min.

Materials: Wooden paint dipper sticks/ marked for snow gauges, chalk (some white chalkboard chalk and large sidewalk chalk)/ blacktop.

Poems: Clouds by Christina Rosetti

Books: 'The Cloud Book' by Tomie de Paola

Before The Lesson/ And Anytime we need to re-group (also Ms. Cretera's method, 3,2,1,shh....kids love to recite it:

-Deep Breath Pause: Breathe in the air just the way the roots absorb in the water, feel it go to all parts of your body, (feel the water going up your trunk, into your branches, out to the leaves, make food, and evaporate) and breath out.

Part 1 / OPTIONAL Snow Gauge Measuring (Mud Dependant) - We skipped this to avoid mud and it was a good thing there was plenty to do with the cloud lesson. *Ask the kids to Measure in two locations: planting bed vs. ground. Tally on a chart. Talk about deepest vs. shallowest.*

Part 2/ CLOUDS Is it Cloudy or Sunny: Read a little about the different types of Clouds from Tomie de Paola's "The Cloud Book". Pages 1-11 Covers the three main types and is better than trying to achieve the whole book with Kindergartners. Pages 12/13 talk about a couple of the hybrid types which can be fun, but is optional:

Recap with the Kids: Recite the three types of clouds a few times with the kids.

Cirrus, Cumulus, Stratus

Cirrus clouds are white and feathery

Cumulus clouds are puffy and look like cauliflowers.

Stratus clouds are low, like wide blankets of grey..

Ask the kids: What types of clouds do you see today? There are some fun cloud-finder discs you can make with the kids, though we didn't have time for this. <http://web.extension.illinois.edu/clw/downloads/65335.pdf>

Part 3/ Draw Clouds on the Blacktop: We tried writing out the three different types on the blacktop before class. The kids really seized the chalk and some drew all types (including some of the hybrids on pages 12,13) while others focused on drawing super long stratus clouds or very large cumulus clouds..

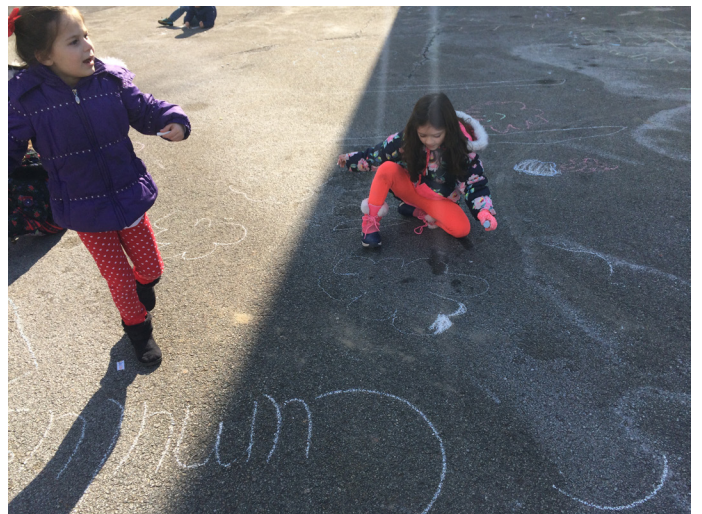
Part 4/ Group Circle & Poem: Recite poem in circle and ask each kid to say what they see/IMAGINE in the clouds:

Dinosaurs, pancakes, cotton balls. sheep, triangles, fish, racecars, galore where observed by the kids. Could be fun to do a movement activity based on this poem. (Stand still (FREEZE!), Wind (BLOWS), Walk away (SLOW))

Clouds by Christina Rosetti (1830-1894)

White sheep, white sheep,
On a blue hill,
When the wind stops,
You all stand still.
When the wind blows,
You walk away slow.
White sheep, white sheep,
Where do you go?

LESSON 16: CLOUDS OR SHADOWS OR SNOW



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