

Weather Unit - Preschool

Supplies:

Themed books - ANY subject-based story or information books will do, check your library!
Books should cover: clouds, wind, rain/storms, rainbows, sun, and snow.

You may also want to pick up a book or two on meteorology and the Tuskegee Airmen.

Examples:

Cloudy with a Chance of Meatballs - Judi Barrett
It Looked Like Spilt Milk - Charles Green Shaw
Splish, Splash - Josepha Sherman
Snowy Day - Ezra Jack Keats
The Wind Blew - Pat Hutchins
Little Cloud - Eric Carle
Etc...

Cotton balls
Colored pom poms
Rainbow cereal or candy
Construction paper
Shaving cream
Flour
Baby Oil
Crayons, markers
Washable paints and watercolors

Proverb: "The wind does not break a tree that bends."

Bible verse: "I have set my rainbow in the clouds, and it will be the sign of the covenant between me and the earth." Genesis 9:13

History study: Archie Franklin Williams ([Tuskegee weather officer](#))

Adapt for prek - tuskegee [weathermen](#)

Weather channel [article](#)

Library of congress [collection](#)

Air Force website [article](#)

Interview [transcript](#)

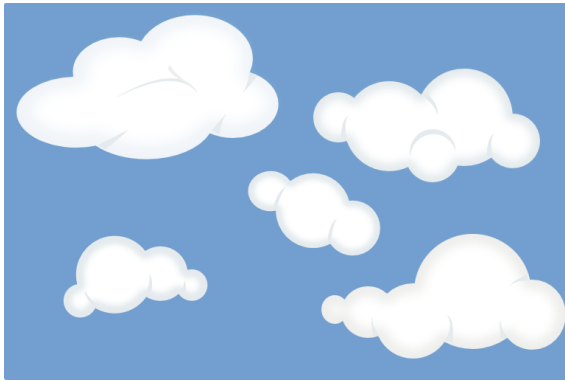
Print photos [HERE](#) and [HERE](#)

Older preschoolers:

Weather [workbook](#)

Weather workbook [two](#)

Week 1: Clouds and Wind



C is for cloud

W is for wind and weather

Color: Blue

Number: 5

Activities:

- Cloud in a jar
- Search for letters C around the house
- Make cloud binoculars - cloud hunt
- Make [cloud dough](#) (make a plain batch and a blue batch)
- Give kids a bag, have them collect blue toys
- Sort blue objects (legos, duplos, counters, etc.)
- Make Sky [Jello](#)
- *Sing:*
 - **to the tune of “Are You Sleeping?”**
Clouds are floating,
Clouds are floating,
Up so high, up so high.
Floating up above us,
Floating up above us,
In the sky, in the sky.

- Wind art w/ straws and paint
- Can the wind move it?
- Paper plate kites
- 5 Number board
- Count everything
- Body tracing:
 - Trace one hand and one foot
 - Count fingers and toes
 - Paint/color shades of blue

Week 2: Rain and Rainbows



R is for rain and rainbow

U is for umbrella

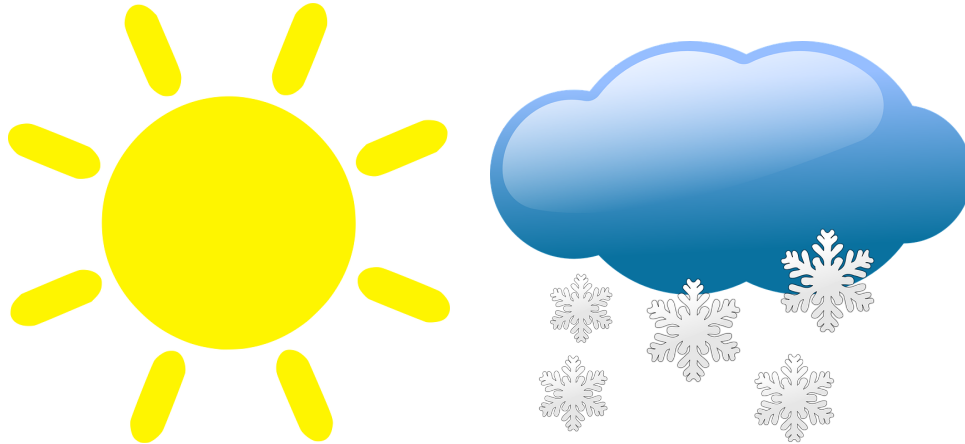
Color: Grey

Number: 7

Activities:

- [Color mixing](#) storm project
- Cloud/Rainbow [craft](#)
- Search for letter U around the house
- Color sorting (using colored cereal/candy, counters, etc.)
- 'Make It Rain' sensory bin
 - If you don't have a sand/water table, use a bin, bucket or wash basin, or even the bathtub!
 - Fill with water (or water beads if you want a little less mess)
 - Poke holes in plastic or styrofoam cups
 - Optional Add-ins: drink umbrellas, ocean animal figurines, bath ducks, 'R' & 'U' letter tiles
- Shaving cream [umbrella](#) - use 7 raindrops
- [Puddle](#) jumping
- 'What do we wear in the rain?' dress up
- R is for [rain](#)
- Make a [rainstick](#)
- Try the [walking rainbow](#)
- Put together a [snack tray](#) using foods of every color
- Go on a rainbow [scavenger hunt](#)
- Search for letter R around the house
- Sing & learn: [Pitter Patter Raindrops](#):
 - Lyrics are in the description
- Breakfast/snack idea: turn [muffins](#) into umbrellas

Week 3: Sun and Snow



S is for sun and snow

H is for hot and hat

Color: Yellow

Number: 1

Activities:

- Make [snow paint](#) (requires overnight prep)
 - Use to make snowmen paintings
- S is for [Sun](#)
- Make paper snowflakes (if your children are coordinated enough to use scissors)
- Snow sensory bin:
 - If you have access to real snow, use it! Otherwise, [Make snow](#): For a mess-free sensory bin, fill with cotton balls instead
 - Add-ins: play cars/trucks, shovels/spoons, marbles, blue and yellow pom poms, penguin and polar bear figurines
- [Melted snowman](#) (a lesson in shapes)
- Make a [winter hat](#) OR a [summer visor](#)
 - Or make BOTH and talk about the differences in their function
- Hot vs Cold
 - Ask child about difference in hot vs cold dress. Ask them to go put on clothes for each type of weather. Ask what types of things they can do in one weather vs the other. What foods are better to eat when it's hot vs when it's cold.
- Letter H/hat [coloring sheet](#)
- [Mr. Sun](#)
 - Lyrics in the description