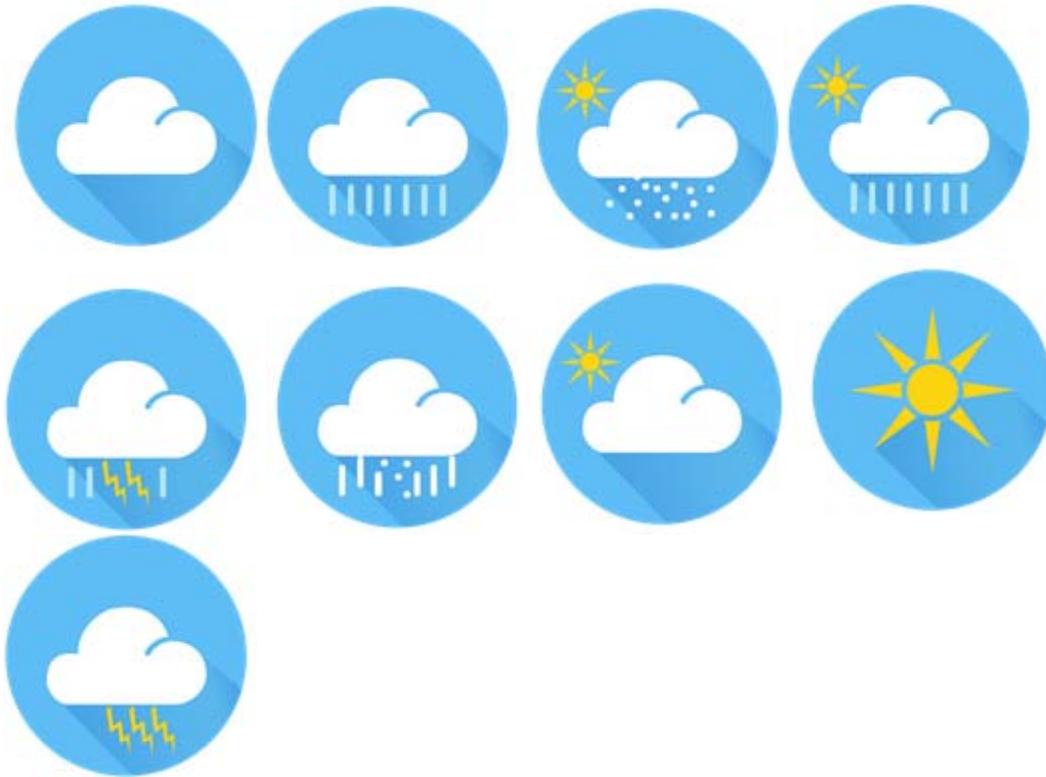


**BC SRC 2017: Walk on the Wild Side!**  
**Primary Program, Theme 5: Weather Watchers**  
*Prepared by: Brandon Monahan, FVRL*

**OPENING ACTIVITY**

Print weather icons on name tags – Have colouring and drawing supplies for the kids to work on name tags. Names tags will help the children connect with each other and make new friends, while providing a simple task to complete as everyone arrives (secret ice breaker).



(Note: Intersperse the program with fun weather facts and jokes from the lists below)

**STORY**

Read a weather story. Choose one of the following suggestions or your own favourite.

- ***Cloudy with a Chance of Meatballs*** by Judi & Ron Barrett
- ***Rain*** by Manya Stojic.
- ***If Frogs Made Weather*** by Marion Dane Bauer
- ***Once Upon A Cloud*** by Rob D. Walker
- ***Rainy Day!*** by Patricia Lakin

- **Are You Ready to Play Outside?** by Mo Williams

## **GAMES**

### 1. Balloon rockets on straw and string - AIR

This game demonstrates the power of wind/air. Put a small straw on a string and tape the two ends of the string 10 ft apart (chairs work good). Blow up a balloon and tape it to the string. When you let go it will propel across the room on the string. Cut off the balloon from the string and let the next kids have a turn. Multiple spots and volunteers needed to make this succeed.

**Alternately you could make this into a demonstration during the program.**

Supplies – Balloons, String, Straws

<https://www.youtube.com/watch?v=N6NIgPIh7HU>

### 2. Parachute

Using a parachute and balls or yarn snowballs (see craft later in document) you can have fun using the parachute and a snow ball launcher, rain catcher or hide under the umbrella from rain.

#### a. Song - *Come Under My Umbrella*

[https://www.youtube.com/watch?v=X6ZSdod\\_zj4](https://www.youtube.com/watch?v=X6ZSdod_zj4)

Come under my umbrella, umbrella, umbrella (hide under parachute)

Come under my umbrella, it's starting to rain (come out gently shake parachute)

With thunder and lightning, Very Very frightening! (Vigorous shaking)

Come under my umbrella, it's starting to rain. (Hide under Parachute)

#### b. Weather - Start calm sitting on the floor. A gentle breeze then rain and move up to a thunder storm with everyone standing up holding handles shaking as hard as they can to make thunder

#### c. The Ocean - Pretend the parachute is the ocean. I have them give me the name of an ocean. Children move the parachute in response to the 'weather report' they heard. (Encourages children to be creative). For example, I'll say, "I heard on the weather report this morning that there was a slight breeze over the Atlantic. What would that look like?" The children respond by making small waves in the parachute. Other suggestions have been - high winds, snow (we would have to pull it tight to make the ice), twisters, etc. Once they get the hang of it the possibilities are endless.

### 3. Snow Ball fight

Instructions - <http://howdoesshe.com/diy-yarn-pom-pom-snowballs-music/>

Before the program or as part of the program make snowballs out of yarn. Instructions above. Snowballs are reusable. Split the group into four and let the snowball fight begin. Make some ground rules first. Summer snowball battle in the library would be a ton of fun for kids! Remember to get photos.

### **SNACK** (10 min)

1. Rainbow skewers

[http://www.bbcgoodfood.com/sites/default/files/styles/recipe/public/recipe\\_images/fruit-skewer.jpg?itok=6dAqBPbu](http://www.bbcgoodfood.com/sites/default/files/styles/recipe/public/recipe_images/fruit-skewer.jpg?itok=6dAqBPbu)

Cut fruit into bite sizes and layer on a skewer to form a rainbow of colours.

Supplies: Fruit (Strawberries, Oranges, Pinapple, Melon, Grapes, Kiwi, blueberries & skewers

2. Whipped-Creamy Clouds

Provide each child with a piece of waxed paper and a spoon. To make a treat, a child scoops a large spoonful of nondairy or dairy whipped topping onto their waxed paper. Then use spoon to create a cloud shape. Sprinkles for snow or rain

Supplies: Wax paper, spoons, whip cream or nondairy whipped topping, sprinkles for rain or snow.

### **CRAFT** (15 min)

1. Weather Chart (<https://storytimekatie.files.wordpress.com/2012/09/st-letterw1.jpg>)



Have the kids colour various representations of weather (sun, rain, snow, clouds, cut them out and glue them onto paper plates in a grid. Cut out 'The weather today is' and glue to clothesline pegs.

Supplies – Paper plates, clothesline pegs, colouring supplies, scissors, cotton for clouds, printouts of "The weather today is" and printouts for the weather patterns

## 2. Weather rock

Have the kids colour a sheet with the weather rock rules. They can colour next to the rules – rain, snow, sun, tornado's, etc. If you have rocks, get them to paint them or put funny eyes on them. Alternately tell them they have a mission to do at home – find a rock colour and design it to become your weather rock.

If the rock is wet, it's raining.

If the rock is swinging, the wind is blowing.

If the rock casts a shadow, the sun is shining.

If the rock is not visible, it is foggy.

If the rock is white, it is snowing.

If the rock is coated with ice, there is a frost.

If the rock is bouncing, there is an earthquake.

If the rock is under water, there is a flood.

If the rock is warm, it is sunny.

If the rock is missing, there was a tornado.

If the rock has white splats on it, watch out for birds.

Supplies – rocks, paint, eyes, glue, printed sheets with rules, colouring supplies

## 3. Decorative book wind chimes

Have the kids pick a book and decorate it to look like a cloud. Take yarn and tie into a large loop/circle and put in the center of the book to act as a hanging so you can hold the yarn and the book hangs down spine up. Decorate and colour rain drops. Attach rain drops to the book with yarn and tape.

Supplies – old books, printed rain drops, yarn, scissors and colouring supplies, cotton tape.

## **CLOSING**

Finish with several weather facts and jokes.

## **WEATHER BOOKS**

***Weather*** by Janice Parker

***Weather Projects for Young Scientists*** by Mary Kay Carson

***50 Things You Should Know About Wild Weather*** by Anna Claybourne

***Experiments in Earth Science and Weather with Toys and Everyday Stuff*** by Emily Sohn

***The Weather: The Best Start in Science*** by Helen Orme

***Weather & Art Activities*** by Janet Sacks

***Weather*** by Tamra B. Orr

***Wacky Weather and Silly Season Jokes: Laugh and Learn About Science*** by Melissa Stewart; illustrated by Gerald Kelley

***The kids' book of weather forecasting : build a weather station, "read" the sky, & make predictions!*** by Mark Breen and Kathleen Friestad ; illustrations by Michael Kline.

***Wild About Weather: 50 Wet, Windy & Wonderful Activities*** by Ed Brotak

***Weather*** by Brian Cosgrove with special photography by Karl Shone and Keith Percival

## **WEATHER DEMONSTRATIONS**

Vortex in a bottle - <http://www.instructables.com/id/How-to-Make-a-Vortex-in-a-Bottle/>

Thunderstorm in a cup - <http://briebrieblooms.com/preschool-science-thunderstorms-in-a-cup/>

## **FUN WEATHER FACTS**

- Hot weather makes the human body sweat to cool itself off. This biological process is known as evaporative cooling.
- Breaking wind doesn't just mean passing gas. Trees are used in landscaping as windbreaks to keep wind from harming property.
- Temperature and wind in the winter create wind chills.
- Every winter approximately one septillion snowflakes fall from the sky!
- It takes approximately one million drops of water to make one raindrop.
- Persia went "green" before being environmentally conscious was a concern. The first windmills were found there, although electricity wasn't invented as we know it until the Nineteenth Century.
- A light wind is called a "zephyr." Many poets use the term to describe the gentlest of breezes.
- Lightning is a powerful burst of electricity that happens very quickly during a thunderstorm.
- The USA has more tornadoes than any other country in the world, averaging around 1200 a year. This is due largely to its unique geography which forms an area in central USA called "Tornado Alley" which is frequently hit by tornadoes
- Prospect Creek, Alaska holds the U.S. temperature record for the coldest temperature: minus 80 degrees Fahrenheit!
- Tropical cyclones (often referred to as hurricanes or typhoons) feature strong winds, driving rain, rough seas and areas of low atmospheric pressure. They frequently form in

tropical areas of the globe and can do considerable damage to populated areas. Examples of this include the 1970 Bhola cyclone, Typhoon Nina which hit China in 1975 and more recently in 2005 when Hurricane Katrina which caused great devastation and loss of life when it hit southern parts of the USA

## **WEATHER JOKES**

- What does a cloud wear under his raincoat? Thunderwear!
- What did the lightning bolt say to the other lightning bolt? You're shocking!
- What's the difference between a horse and the weather? One is reined up and the other rains down.
- Why did the woman go outdoors with her purse open? Because she expected some change in the weather.
- Why do you have to be careful when it rains cats and dogs? So you don't step in a poodle.
- How do you find out the weather when you're on vacation? Go outside and look up.
- What goes up when the rain comes down? An umbrella!
- What do you call a grizzly bear caught in the rain? A drizzly bear!