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# Weather

Weather it's all around us. It affects lots of things we do. Weather helps us decide what to wear, what to do, and even what to eat.

## What Is Weather?

Weather is a mix of factors that happens in a certain place at a certain time. These include **sunlight** and **clouds**, **wind**, **snow** or **rain**, and **temperature**.

The mix of factors change all the time. The weather changes whenever the mix of factors changes.

Question #1. Describe what the weather looks like outside today.

## Wind Moves

Wind is air moving. Sometimes you can hear the wind move or feel it blow on your face. You can't see wind, but you can see how it moves other things.

A gentle breeze can rustle the grass, or a powerful gust can bend a branch.

Have you ever seen the wind move something?

Watch video: <https://www.youtube.com/watch?v=zqm9BbhEXxq>

## In the Sky

The sky can tell you a lot about the weather.

Fast-moving clouds can tell you it's a windy day. Low, gray clouds can tell you a storm may be coming.

Question #2 What can a clear blue sky tell you about the weather?

The sky can change quickly. Sometimes you can watch dark clouds move in over a clear, sunny sky. This causes the weather to change.

Question #3. How will the clouds change the weather?

## **Water in the Sky**

Snow falls from clouds in the sky. It drops quietly to the ground.

Snow falls only in places where it is very cold outside. Some people live in places where snow never falls.

Question#4. Do you know anything else that falls from clouds? How is it like snow? How is it different?

### **Review**

*What are the 6 factors that make up weather?*

sunlight and clouds, wind, snow or rain, and temperature

*What does the sky tell us about the weather?*

The sky can tell us if it's windy, going to rain, or sunny

*Besides snow, what else falls from the clouds?*

Rain - did you know that rain is liquid water in the form of droplets that have condensed from atmospheric water vapor and then become heavy enough to fall under gravity. This is part of the Water Cycle.

### **Wrap Up**

Weather changes all the time. It changes throughout the day. And weather may be different from one place to another.

### **Activity**

Windy STEAM Challenge

You can choose to do both one or both activities. Have fun!

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Sources:

Derived from "What Is Weather? | Lesson Plan" <https://www.pbslearningmedia.org/resource/buac17-k2-sci-ess-lpwhatweather/what-is-weather/>

Windy STEAM Challenge - kidssteamlab.com

<https://kidssteamlab.com/wp-content/uploads/2016/01/WindySTEAMActivityGuide.pdf>

# Windy STEAM Challenge



## Part 1: How does the wind move objects?

**Materials:** Fan, Feathers

Observe how feathers move in the wind. Use a fan to replicate the wind or go outside on a windy day.

- How do the feathers move in the wind?
- What other objects would the wind move?
- What objects would the wind not move?

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## Part 2: How can you visually represent the wind?

**Materials:** Cookie Sheet, Paint, Roller, White Paper, Glue,

**Step 1:** Use a roller to cover the cookie sheet with paint.

**Step 2:** In the paint use your finger to draw lines to represent wind.

**Step 3:** Place a white paper on top of the paint and press down. Rub along the surface of the paper.

**Step 4:** Peel your paper up and observe your print. Repeat as wanted. Let the prints dry.

**Step 5:** Select your favorite print and add more windy details with oil pastels or crayons. Glue feathers onto the paper to show how they move in the wind.

[Click here to view the full tutorial with photographs and video.](#)



# About Me



**Hi, I am Jamie.**

Mom of 3 young thinkers ages 6,4, and almost 2.

I have seven years of experience teaching art to children from the age of preschool to 12th grade,

As an art teacher, I connected what my students were learning in the art room to what they were learning in the classroom. It made sense to me to bridge the gap between art lessons and science, math and reading lessons.

My goal as an art teacher was to **develop creative, innovative thinkers and problem solvers.**

**And now I am blessed to inspire my three favorite young thinkers.**

My passion is to show how you can inspire and encourage your own child's creativity and to connect with your child through hands-on learning and problem solving.

**You do not need to be an artist, scientist or mathematician to make learning fun and engaging for your child.**

With three young children myself, I know how busy life gets and how hard it is to make time to do activities with your child.

I've done the work for you of selecting simple STEAM activities that do not require fancy or expensive materials., making it easy for you to find time and connect with your child.



---☆ When we use the word parent, we are referring to any child care provider which may include but not limited to parent, grandparent, foster parent, teacher, or other guardian or caregiver.



# For more STEAM activities

## JOIN THE COMMUNITY

The Handmade Kids Art community is a monthly or annual membership to our exclusive STEAM activities to engage and challenge your young thinker.

Using my seven years of experience teaching art to children I've done the work for you of selecting simple activities that do not require fancy or expensive art materials.

Save yourself time from having to spend hours searching for the right activity by joining our membership community.

[Click here to learn more and enroll today.](#)

## VISIT THE BLOG

Take a peek at what STEAM activities we are currently working on and helpful resources by visiting the [Handmade Kids Art blog](#).

## CONNECT WITH US

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