

# How's the Weather?

Weather and energy



Weather changes.

Rain comes from clouds.

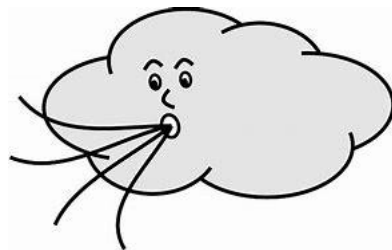
We feel the winds.

Sometimes we see lightning and hear thunder in storms.

The sun makes us hot.

We can act out being a storm!

We are the winds—blow.



We are the gentle rain—lightly tap fingers.

Now we are the thunder—clap loudly.



And the lightning—open and close hands.

Now the heavy rain—stamp feet.



Light rain—tap.

Wind—blow—quiet.....



Water from the ground goes up to make clouds—evaporation and condensation. Water in clouds comes down as rain—precipitation.



hutterstock • 162965750

You can sing the *Water Cycle Song* to the tune of *She'll Be Coming Round The Mountain*.

Water travels in a cycle, yes it does. (use finger to draw a big circle)



Water travels in a cycle, yes it does. (repeat action)

It goes up as evaporation, (move hands up into the sky)

Forms clouds as condensation, (make a cloud with your arms over your head)

Then comes down as precipitation, yes it does!





Rain and sun makes a rainbow.

When it gets cold, we can get snow and ice.


Sometimes when the air is cold, we get sleet freezing rain and hail—they feel like hard balls.





After a rain, the  
sun comes out  
and sometimes  
we see a  
rainbow!






Sometimes when light passes through something made of glass, or holding water, we can see a rainbow inside.








A rainbow is made by full light passing through a material that bends the different wavelengths of the light and breaks the light into the colors of the spectrum.



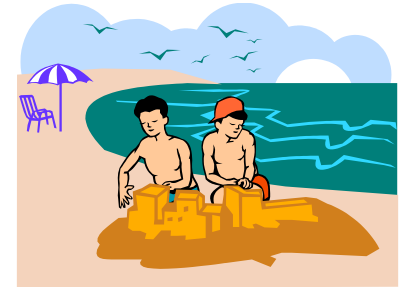
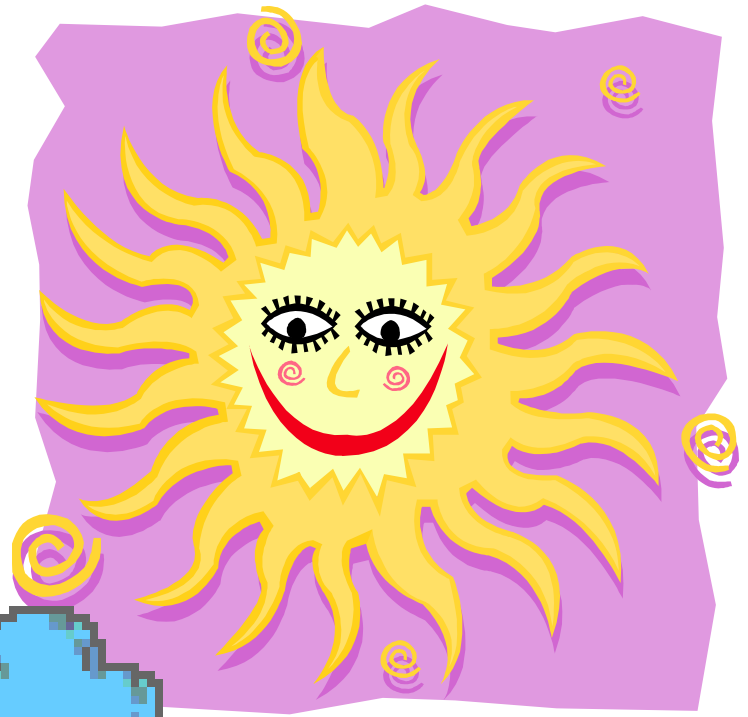


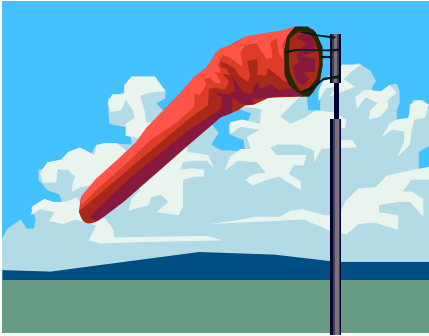
The longest light waves look red, then orange, yellow, green, blue, indigo and the shortest, violet.





How can  
you act  
out these  
weather  
features?

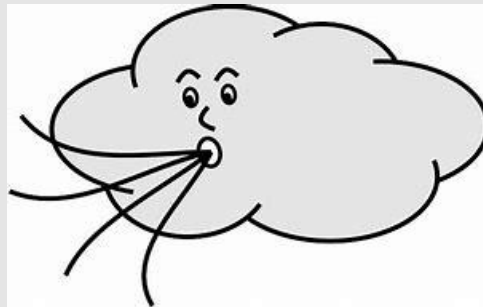




What kinds of weather features do you see in these pictures?



# You can make finger weather!



Spring is for rain (hands go up then down)

And summer's for sun (point up to the sky)

And fall is for wind (blow),

Winter snowflakes are fun. (wrap arms around)

We wear different clothes in different seasons.

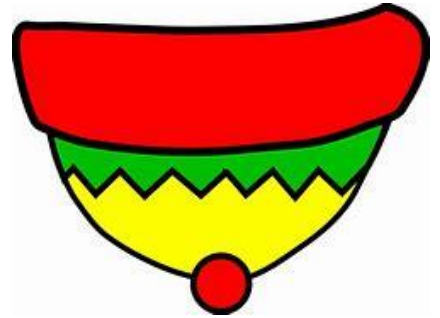
You can dress up in weather clothes--raincoats, boots, umbrellas, sun hat, sunglasses, swim cap, mittens, scarf, or hat.



And then you can sort clothes into hot, rainy and cold baskets.







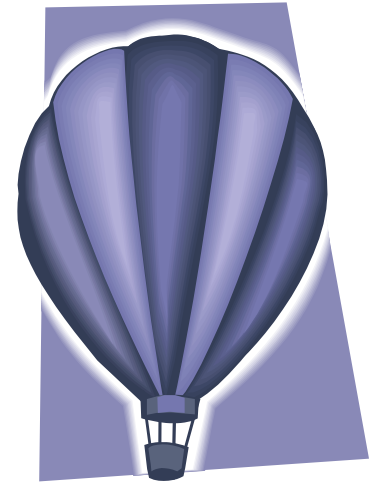
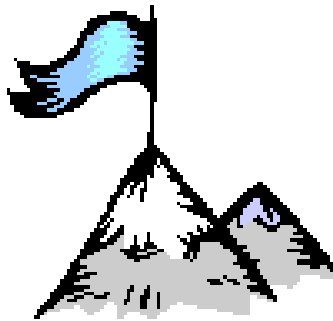
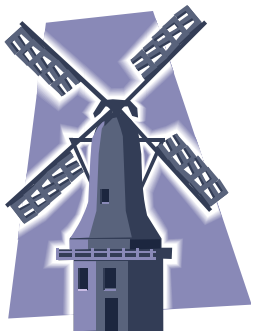
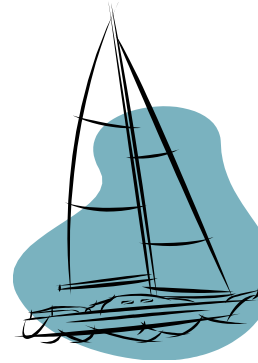
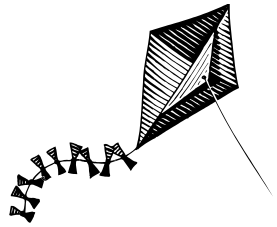
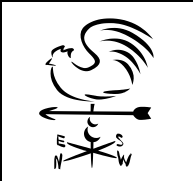
Or sort spring things into an upside-down umbrella, summer things into a sand bucket, fall things into a wheelbarrow, and winter things into a knit cap.

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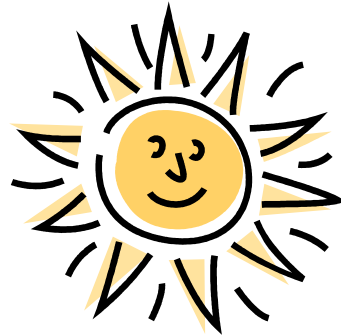
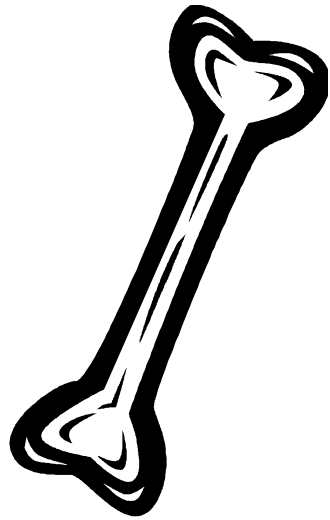
We make energy from weather.

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We use wind-

for energy, flying kites, telling direction, filling sails



Light, heat, helping plants  
grow, making strong bones,  
telling time, day and night

We use sun  
for--



We use rain  
and water for--

Energy, helping grow plants,  
keeping soil healthy, giving  
animals things to drink,  
bathing, washing dishes and  
clothes, recreation and play,  
aesthetics and beauty

You can sing it to: "If  
you're happy and you  
know it"

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If you hear the whistling wind,  
Cup your ears.  
If you hear the whistling wind,  
Cup your ears.  
If you hear it in the trees  
Making music with the leaves,  
If you hear the whistling wind,  
Cup your ears.  
If you feel the Blustery wind,  
Whirl around  
If you feel the blustery wind,  
Whirl around.  
If you feel it lift your hair  
Like a kite up in the air,  
If you feel the blustery wind,  
Whirl around.

<http://laptimesongs.com/whistling-wind/>





You can sing the song to “Jingle Bells”.

The sun is shining

Sun is shining

Shining all around

Can you see the shadows

It makes upon the ground?

The rain is falling

Rain is falling

Falling from the sky

Can you see the rainbow it makes up in the sky?

By Jean Warren



<http://www.preschooleducation.com/sweather.shtml>

You can sing the songs to "Frere Jacques".

What's the weather, what's the weather?

Can you tell, Can you tell?

Is the sun shinning, is the rain falling?

Can you tell, Can you tell?

It is raining, It is raining,  
On my head, on my head.

Pitter, patter raindrops,  
Pitter, patter raindrops,  
I'm all wet, I'm all wet!



[https://preschool.uen.org/curriculum/march\\_s/Weather\\_Song.pdf](https://preschool.uen.org/curriculum/march_s/Weather_Song.pdf)

You can sing this song to “Clementine”.

What’s the weather? (pointing to sky)

What’s the weather? What’s the weather like today?

What’s the weather? I am wondering.  
What’s the weather like today?

Is it sunny? (holding hands above head in a circle)

Is it cloudy? (covering eyes with hands)

Is it rainy out today? (fluttering fingers downward)

Is it snowy? (wrapping arms around the body and shivers)

Is it windy? (blowing)

What’s the weather like today?





# How's the Weather?

Four seasons!



Spring is for rain (hands go up then down)





And summer's for sun (point up to the sky)





And fall is for wind (blow),



Winter snowflakes are fun. (wrap  
arms around)





I'm a  
Little  
Rainbow

I'm a little rainbow glowing bright



Hanging in the sky daylight.



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When rays pass through droplets then  
I glow,





The sun will come, the rain will go.



# You can be a weather watcher!

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**Observe** weather, notice the difference in sunny and shady places, and fly kites and record your observations with pictures.



# You can be a cloud artist!

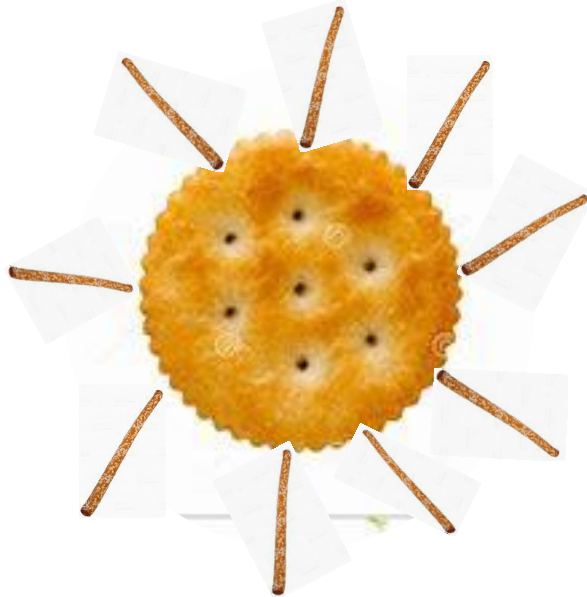
Make a cloud and sky poster and let the children stamp fingerprint raindrops coming down. Glue cotton balls on blue paper to make a cloud collage, or paint with a cotton ball cloud .



# You can be weather chefs!

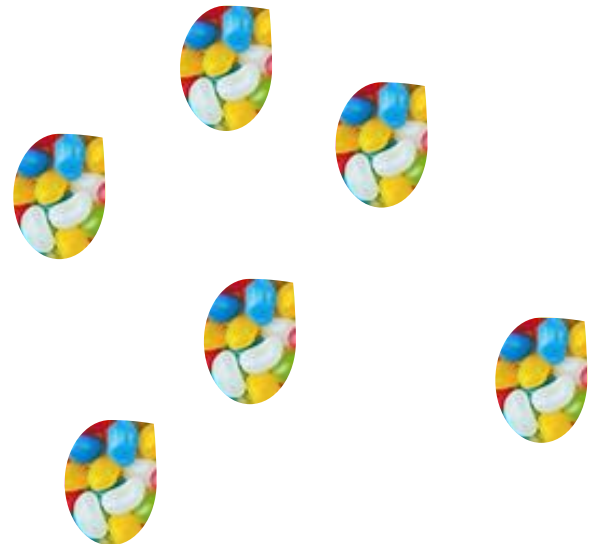
## Sunny and warm

Add pretzel rays to a cracker sun.



## Rainy and wet

You can make marshmallow clouds and jellybean raindrops.



You can make a mini-book!

1. Fold the paper in half
2. Then in half again.

