

EXPLORING

the

SEASONS

by _____



When it is winter where you live, your part of the Earth is tilted away from the sun. Your part of the Earth gets less sunshine, so the air is colder. In winter, the days are shorter and the nights

are long. If you live in a northern climate, snow falls and covers the ground. Animals sleep in warm dens or nests. People wear layers of clothing to trap heat and keep themselves warm.

*First day of winter (winter solstice):
December 21 (in the northern hemisphere)*



As your part of the Earth begins to tilt toward the sun, the air gets warmer and the days get longer. It rains frequently. The snow melts and tiny green shoots push their way out of the soil. Baby

animals are born or hatched. Children shed their snowsuits for raincoats, splash pants and rubber boots. They stomp in puddles and catch tadpoles in swollen drainage ditches.

*First day of spring (vernal equinox): March 21
(in the northern hemisphere)*



Pet Rock Weather Forecaster

This is a fun activity you can do at home. You can make your very own pet rock that forecasts the weather!

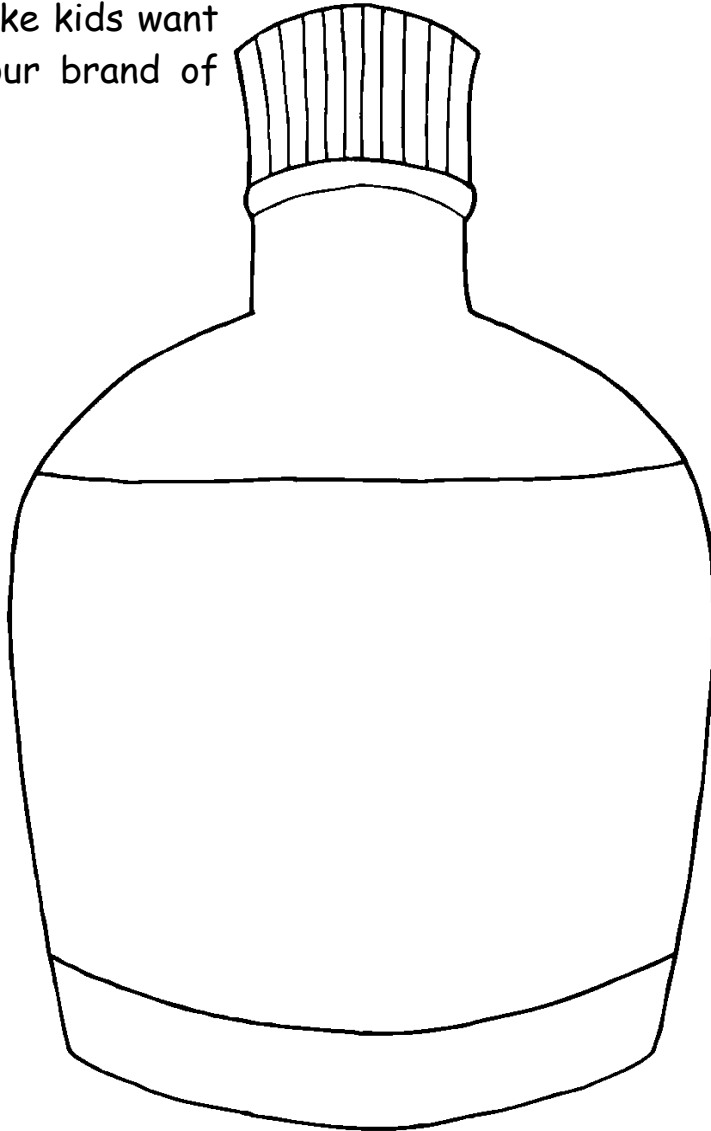
1. Find a nice, large rock.
2. Draw or glue on eyes and a mouth.
3. Give your pet rock a name!
4. Put your rock outside and wait for the weather forecast:
 - a. If the rock is wet, it is raining.
 - b. If the rock is dry, it is dry outside.
 - c. If the rock is hot, the weather is warm.
 - d. If the rock is cold, it is cold outside.
 - e. If you can't see the rock, it is nighttime!



Sunscreen for Kids

The sun is great... but too much is dangerous to your health. Sunscreen is one way to protect yourself from the sun's UV ways.

Design your own bottle of sunscreen for kids. Can you make kids want to wear your brand of sunscreen?



When your part of the Earth is fully tilted toward the sun, it is summer. The days are longer and hotter.

People wear loose clothing (often as little as possible!), caps and sunscreen to keep themselves cool and safe. The ground gets hard; the grass, long and dry. There is very little rain. On humid days, when the air is full of moisture, thunder rumbles in the distance. They new baby animals grow big, learn to feed themselves and leave their mothers.

*First day of summer (summer solstice):
June 21 (in the northern hemisphere)*



As autumn, or fall, approaches, your part of the Earth begins to tilt away from the sun. The days grow shorter; the air is cooler. In some parts of the world, the leaves on the trees turn gold and orange and red, then fall to the ground. Children dress in long pants and wear jackets. The rain returns. Animals scurry around gathering food for winter or prepare for long journeys to warmer climates.

*First day of autumn (autumnal quinox):
September 21 (in the northern hemisphere)*



In What Season?

Many things change from one season to the next, including the clothes we wear. In the chart below, mark a check ✓ for every seasons during which you wear each item of clothing.

Clothing	Winter	Spring	Summer	Autumn
Shorts				
Bathing suit				
Skis				
Skates				
Sweater				
Raincoat				
Sunglasses				
T-shirt				
Boots				
Scarf				
Sunscreen				
Jacket				
Sneakers				

Sports and Hobbies All Year 'Round

Do our activities change from one season to the next?

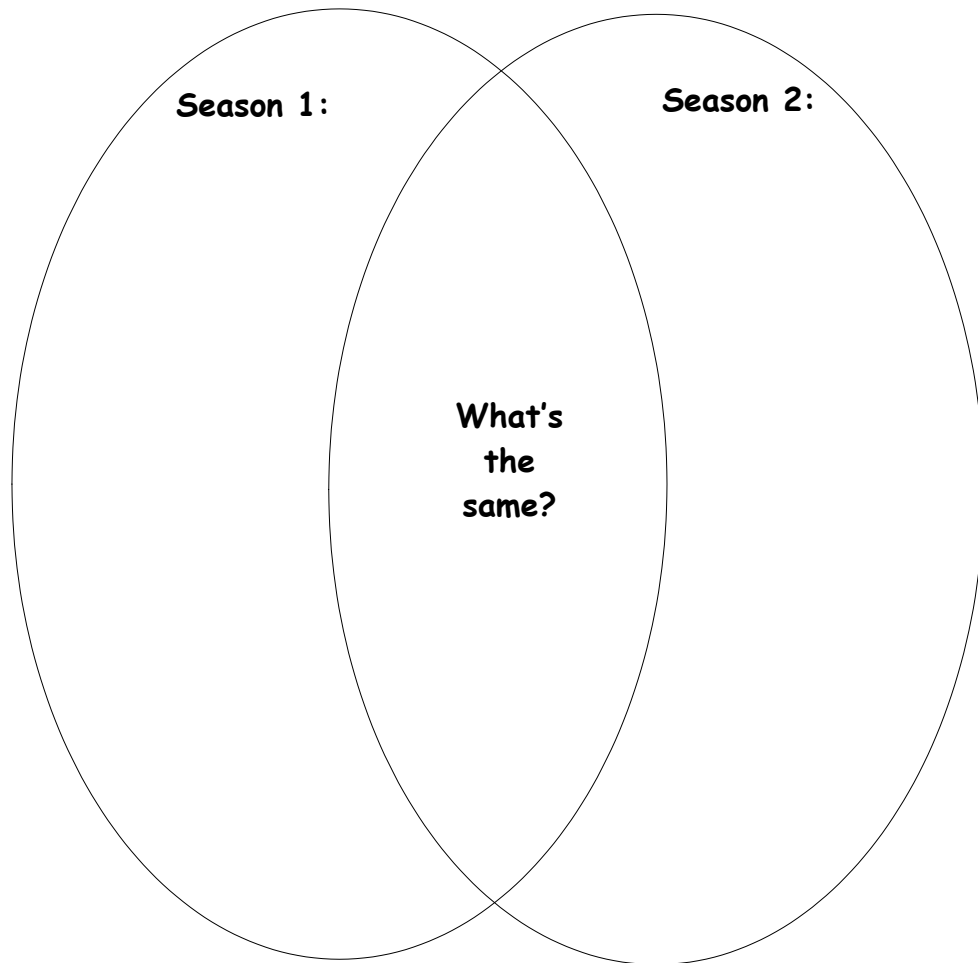
Can people skate during the summer? Why or why not?

Can people swim during the winter? Why or why not?

What are some other adaptations the people make due to the seasons?

What's the Same? What's Different?

Use the Venn diagram below to compare the two seasons you chose on the last page. What things are unique to each season? What things are the same?



What's Wrong with this Picture?

Circle the things that the people in this picture should not be doing during a thunderstorm. Colour the picture.



Web the Seasons

Choose two seasons. Write the name of one in each large oval, then make a web of all the things connected with that season. You can add as many ovals as you need.

