

The Changing Seasons		Kindergarten Earth and Space	
Lesson Plan		Safety Notes	
Description Spring is here! But what does that mean and how do we know that it is spring? In this lesson your students will explore the different characteristics of each season and will learn how humans, plants and animals adapt to the changes in each season.			
Materials <ul style="list-style-type: none">- outdoor wear for each season (hats, coats boots, sandals ect)- worksheet- crayons (green, blue, yellow and orange for worksheet)- blank paper			
Science Background <p>In Ontario we have four seasons; winter, spring, summer and fall. Each season has 3 months and various changes that we can observe to determine the change in season.</p> <p>Winter: December, January and February. Winter is the coldest season, it is often full of snow and ice. Most plants are covered by snow or their visible features are brown without leaves. Some animals such as chickadees and nuthatches will stay active all winter long, some animals like bears and squirrels will hibernate for the winter and some like geese will migrate to somewhere warmer.</p> <p>Spring: March, April and May. In spring the snow is melting and plants are starting to grow and become green again. Many animals that have migrated south for the winter (ie. Canadian geese) are starting to migrate back to Canada and many animals are coming out of hibernation (bears, snakes ect). Some signs of spring are flowers starting to bloom, green grass, buds on trees and seeing or hearing more animals such as birds, frogs and grasshoppers.</p> <p>Summer: June, July and August. Summer is the warmest season. Many plants are in bloom and some are producing fruit. You will be able to spot many animals and insects outside.</p> <p>Fall: September, October and November. The temperature starts to cool down, leaves on trees will turn from green to shades of red, yellow, orange and brown. Towards the end of fall many animals will begin getting ready for winter starting their migrations or preparing to hibernate.</p>			

Activity Procedure

Dressing for the Weather!

- 1) Start by talking to your student about what the 4 seasons are. Do they know the names of the seasons? Can they tell you something that happens in each season?
- 2) Lay out a variety of outdoor clothing from different season (gloves, boots, bathing suit, jackets, sandals, hats etc)
- 3) Name a season and see if your student can pick a clothing item that they would wear during that season. You can make this a game to see if your student can put on all the items for each season or have them sort the items to different parts of the room.
- 4) Go on a scavenger hunt around the house and see what items you can find that are used during specific seasons (ie an umbrella for spring, gardening supplies for spring and summer, a shovel for winter, a rake for fall)
- 5) Complete the worksheet by circling the different ways we prepare for each season.

Nature and the Seasons

- 1) Take a piece of paper and divide it into 4 with a crayon, label each quadrant as one of the seasons.
- 2) Have your student think of a familiar outdoor space (your backyard, a park ect) and draw how it looks during each season. Focus on what the plants and animals look like in each season
- 3) Go for a walk around your neighbourhood or around another outdoor space. Can you spot some of the signs of spring? (birds chirping, flowers, buds on trees etc)

Debrief

- Continue conversations with your students about the seasons and changes during each season.
 - Ask questions about the different animals that can be seen during the seasons?
 - What happens to different plants in each season?
- Look at a calendar with your student so they can identify which months belong in each season.

The Changing Seasons

Kindergarten Earth and Space

Sorting Challenge

Circle all the items that have to do with **WINTER** in **BLUE**
 Circle all the items that have to do with **SPRING** in **GREEN**
 Circle all the items that have to do with **SUMMER** in **YELLOW**
 Circle all the items that have to do with **FALL** in **ORANGE**

