# Seasons Bring Change All Over the World!

**August 15, 2011**  
**Grade Level:** First Grade  
**Key Focus:** Science

## Overview

The purpose of the lesson is to discuss the different seasons and what temperatures are occurring various times of the year. Also, the students will be learning about the different hemispheres and how this affects temperature. The students will also be learning how to read the temperature from a thermometer. Students will learn about what a wiki is and how they can use it at home with their parents to complete homework assignments and watch educational videos.

## Objective

- Students will learn how to read a thermometer.  
- Students will be asked to give a temperature range for the four different seasons in Indiana.  
- Students will be asked to give an example of a different country and how the temperature may vary from Indiana that specific time of the year.  
- The students will be introduced to PBworks and shown different videos through it’s use.  
- Brief demonstration of how the can utilize PBworks through the help of their parents.

## Standards

- 1.1.4 Use tools, such as rulers and magnifiers, to investigate the world and make observations.  
- 1.3 Students investigate, describe and discuss their natural surroundings. They question why things move and change.  
- 1.6 Students begin to understand how things are similar and how they are different. They look for what
changes and what does not change and make comparisons.

| Materials          | ● Computer  
|                   | ● Projector  
|                   | ● Projection Screen  
|                   | ● Worksheet for each child to take home about our class wiki page and information for the parent and how they can use it with their student. |

| Lesson Procedure  | 1. Have the students sit in a circle and begin by discussing the different season in order.  
|                   | 2. Have the children move to their seats and by the use of the projection explain what a wiki page is and give examples of how they can use it at home with their parents.  
|                   | 3. Then, give demonstration of thermometers and how to read them by a demonstration on the projector, using a link from my wiki page.  
|                   | 4. Discuss how temperatures can varying all over the world and why, show pictures of different hemispheres using links on the projection for the site.  
|                   | 5. Watch the first half of a Magic School Bus video posted on the wiki site.  
|                   | 6. Have the children come back to the circle for discussion.  
|                   | 7. Discuss the seasons and thermometers, and answer any questions the children have over the lesson.  
|                   | 8. Allow the children to tell about their favorite season and what activities they enjoy doing during that season.  
|                   | 9. Pass out the sheets over the wiki site for them and their parents, and have the children put them in their book bags. |

| Evaluation        | Each child will be sent home with a information sheet on how to use a wiki. For homework, the child will be asked to use PBworks at home with their parent and complete a short worksheet posted on my wiki page. This will allow them to utilize the wiki page and the homework posted will evaluate the information covered over thermometers in the lesson. |