

Project FOCUS
Best Lessons
FIRST GRADE

Title of Lesson: Weather Wardrobe

Theme: Earth/Space Science

Unit Number: 1 **Unit Title:** Weather & the Seasons

Performance Standard(s) Covered (enter code):

S1E1

S1CS2

S1CS3

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Seasons, Types of Weather, Temperature, Measuring Temperature

Learning Activity (description in steps)

Abstract (limit 100 characters): By this time your class should know the 4 different seasons. This lesson helps them relate the season to the different types of weather, what can occur and what can't. I started off the lesson by asking simple questions like "What is the weather like today?" And "What is your favorite type of weather?" Then I had a worksheet for them to work on which displayed 6 different types of weather along with a space below them to use their vocabulary words of the week. After they completed the worksheet, I put on various outfits and had them tell me which season I was dressed up for. They really enjoyed seeing me in so many different clothes. Reminder: Don't actually change clothes. Then we proceeded to learn about thermometers and how to measure the temperature. I had a smartboard presentation [link attached] in which was very interactive. Finally as a reward, I pulled up an interactive website for kids that allowed them to change the weather and see what happened {also attached}.

Details: 1) How should you hold a thermometer so you don't affect the temperature it is showing? 2) Where should you place a thermometer outside to get an accurate temperature reading? 3) Where else can you find thermometers besides outdoors? 4) What temperature would it be in July? January? What would you wear? 5) At what temperature can you make ice? 6) What temperature would you have if your mom told you that you had a fever?

Materials Needed (type and quantity): Clothes from different season fulfilling every type of weather: rain jacket, heavy jacket, sweatshirt, rain boots, gloves, swimming trunks, sunglasses, shorts, t-

shirt (just anything that you can throw over your clothes and allow the kids to know what you're wearing)

Notes and Tips (general changes, alternative methods, cautions): Kids enjoyed it overall and really got to know how to use thermometers

Sources/References:

1)

<http://www.google.com/imgres?num=10&hl=en&safe=off&biw=1280&bih=709&tbn=isch&tbnid=DNRQ2QKJh6vYLM:&imgrefurl=http://www.wawinepr.com/2012/08/29/planning-your-online-wine-promotions-check-the-weather-report-first/&docid=0kq7wpK9lgBsNM&imgurl=http://www.wawinepr.com/files/2012/08/weather-symbols.png&w=438&h=593&ei=Dz2UUL-yO6W30gHx84DgDQ&zoom=1&iact=hc&vpx=391&vpy=44&dur=3399&hovh=261&hovw=193&tx=85&ty=148&sig=116489629857574772869&sqi=2&page=1&tbnh=150&tbnw=111&start=0&ndsp=20&ved=1t:429,r:16,s:0,i:196>

2) <http://pbskids.org/catinthehat/games/weather-transformer.html> Weather Transformer

3)

http://exchange.smarttech.com/search.html?q=weather&subject=Science&grade=Grade+1®ion=en_US