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Media & 2nd Grade Integrated Lesson plans and sources

General goals-always kept in mind.

Objective 2: Observe and describe weather.

- a. Observe and describe patterns of change in weather.

Objective 4: Demonstrate how symbols and models are used to represent features of the environment.

- a. Identify and use information on a map or globe (i.e., map key or legend, compass rose, physical features, continents, oceans).
- b. Use an atlas and globe to locate information.

1. Demonstrate a positive learning attitude.

- a. Display a sense of curiosity.
- b. Practice personal responsibility for learning.
- c. Demonstrate persistence in completing tasks.
- d. Apply prior knowledge and processes to construct new knowledge.

5. Understand and use basic concepts and skills.

- a. Develop phonological and phonemic awareness.
- b. Decode, read, and comprehend written text and symbols.
- c. Develop vocabulary.
- d. Develop reasoning and sequencing skills.
- e. Demonstrate problem-solving skills.
- f. Observe, sort, and classify objects.
- g. Make and interpret representations, graphs, and models.
- h. Recognize how content ideas interconnect.
- i. Make connections from content areas to application in real life.
- e. Locate facts from a variety of informational texts (e.g. newspapers, magazines, books, other resources).

4020-0703 Objective 3: Recognize and use features of narrative and informational text.

Rational: All of the above are from various parts of the state core curriculum for 2nd grade. Although, my primary purpose is to walk weather changes back to the basic reasons behind the seasons, all others can be addressed with these texts and websites. I keep the standards for each grade in each curriculum area at the end of the lesson plan template I have for each grade. Then I pull up what I am focusing on.

This has three direct effects:

- ❖ I have core curriculum requirements to attain-a content focus
- ❖ These requirements augment the classroom teacher's work both for the subject and for general goals.
- ❖ With this lesson you are also teaching them how to extract an experiment and the product is doing the experiment.

Methods: I try to have 10 paperback copies of the title plus one library bound or hardback. The hardback is for the student checkout. I hand out the paperback copies in "twoies" or "threesies" meaning two or three students sharing a copy. Their responsibility is to have the right hand person in the group put their finger under the

words as I read and the left does the same if the text is on the left hand side. I explain that they are reading the book and can take an AR test as “Independently” read.

I make sure they know the task is to listen, look and think. I stop and ask them what the task is every so often. I give JaDene Denniston credit for using the Big6 for discipline. I thought I had great discipline but asking, “What is your task?” to a student is simple and effective in putting the power in them to take responsibility for their actions.

Then we read and explore the book or DVD or cassette or whatever the material. First discuss the layout. As you read, stop and explain vocabulary words or concepts in the visuals that aren't clearly explained in the text. Stop and ask questions that make text to visual connections. Be checking because you will be amazed that there are students who haven't been exposed or don't deeply understand what is being presented. The first lesson covers two or three sessions (sessions are ½ hour with check out of books following).

Supplies: a globe that has axis spin and built in tilt; a long sharpened pencil; a large orange; a sharpie black marker; powerful flashlight (extra batteries!); mark the area with visible N-north, S-south, E-east, W-west cards;

Hand out a copy of Sunshine Makes the Seasons to groups of three students. As I start, I call the first illustration of the earth moving around the sun a 2D illustration. There are a lot of 3D movies out so then I lift up the **globe** and explain that this is 3D. Scientists often make models so that they can manipulate an object to try out their ideas. Now continue with the book. The middle student of the group will hold the book. The right side or left side student will put their finger under the text as I read the book. Have an orange, a pencil, a powerful flashlight, and a sharpie marker to do the experiment. Remember to caution students, “You must ask your parent/s for time, supplies, a space to try experiment, and help.” It took about 2 1/2 sessions to work through the book. Also, as you push the pencil through the orange show them your hand positions and how easily the rounded surface of the orange could cause the pencil to slip and jab you. I have the students group chorus the two reasons for the seasons on earth as they leave each lesson several times during each lesson. We have seasons in the northern and southern hemispheres because:

1. The earth revolves around the sun.
2. The earth's axis is tilted.

Then view these two web sites as part of a session or separately.

1. View this first as it is animated but doesn't have all the extras the next site has. So it is a smaller step transition from the 2D to online animation.
http://esminfo.prenhall.com/science/geoanimations/animations/01_EarthSun_E2.html
2. Now show this site. It will take several run throughs as you direct their attention to the various parts. Emphasize to extract information you have to see the parts to this layout then focus in on the part you are using. This site is excellent because you can vary the angle of the earth's tilt and see the change in the sun's rays angles
http://highered.mcgraw-hill.com/sites/007299181x/student_view0/chapter2/seasons_interactive.html

I have the students group chorus the two reasons for the seasons on earth as they leave each lesson several times during each lesson. We have seasons in the northern and southern hemispheres because:

1. The earth revolves around the sun.
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I start this lesson by saying, "We are not done with winter yet." Read the book Dear Rebecca, Winter is Here to the class. Read the book Winter Whales A book of Hawaiian Seasons- wonderful to illustrate an American state near the equator with its weather. Also, this book has small single page books that open on each page. For these two books you might want to use an Elmo overhead visual projector to show the group.

Now watch these websites to view whales in winter in Hawaiian waters. I used them in this order if time is available.

1. <http://abcnews.go.com/GMA/Weekend/story?id=7082673&page=1>
2. http://www.outriggerhawaii.com/whale_watching.aspx
3. <http://dearkitty.blogspot.com/2007/03/07/see-grey-whale-migration-in-california-usa/>
(This is an informational science adventure with great video footage narrated by Pierce Brosnan.) This would be a great classroom exploration rather than a media presentation. This footage is of the Baja Peninsula.

Show the book Groundhog Day by Gail Gibson. I show how much information is there even though she draws the illustrations rather than have photos for an information book. The class sits very closely together to view it.

Now hand out copies of Ground Hog Weather School to groups of two or three students. This has a very cartoonish layout with animals as people. It has the same info as the Gail Gibbons book so very good for a text to text comparison.

Now view footage count 1:11 to 10:35 to reinforce the ideas of the books of the video Groundhog Day by Schlessinger Media from Library Video Co. Discuss how DVD's or videos have movement and sound and this can help us learn.

Books:

Sunshine Makes the Seasons Franklyn M. Branley ; illustrated by Giulio Maestro (Series: Let's-read-and-find-out science book); 0-690-04481-X; 0-690-04482-8 (lib. bdg.)

Dear Rebecca, Winter is Here Jean Craighead George ; pictures by Loretta Krupinski; 0-06-021140-7 (lib. bdg.)

Winter Whales A book of Hawaiian Seasons Winter Is for Whales: A Book of Hawaiian Seasons ~ Ron Hirschi (Author), Yuko Green (Illustrator) 978-1597005043

Groundhog Day Gail Gibbons 978-0-8234-2003-2 (hardcover)

Groundhog Weather School Joan Holub; 978-0399246593

Websites:

1. <http://abcnews.go.com/GMA/Weekend/story?id=7082673&page=1>
2. http://www.outriggerhawaii.com/whale_watching.aspx
3. <http://dearkitty.blogspot.com/2007/03/07/see-grey-whale-migration-in-california-usa/>

Videos:

Groundhog Day by Schlessinger Media from Library Video Co. It is part of the series Holidays for Children. They are very clear in their explanations and vocabulary. I usually use portions not the entire video.

List of Winter Books & Materials Preschool-2nd

The Seasons : Winter or Winter Nuria Roca 978-0-7641-2731-1 –Good vocabulary; large pictures;

Sam the Snowman Susan Winget 978-0-06-114475-2 Illustrations colorful but a bit “cute”; the main theme is giving; might be a good Christmas alternative; transition of fall to winter;

Snow Wonder Charles Ghigna; Emergent reader; in verse;

The Snowy Day Komako Sakai 978-0-545-01321-5 lyrical in pictures and text; one day in a snowstorm;

Here Comes Jack Frost Kazuno Kohara 978-1-59643-442-4 Jack Frost character starts winter and takes us through the season; the almost all blue and white illustrations enhance the winter message;

Heart of a Snowman Mary Juryla & Eugene Yelchin 978-0-06-125926-5 This is complicated though visually beautiful; the warm hands of a boy are needed to slightly melt and pack snowballs to make a perfect snowman;

Brave Irene William Steig 86-80957 Heroine perseveres in a winter storm; excellent 2nd grade read aloud;

Anna, Grandpa, and the Big Storm Carla Stevens 97-50525 Family events during the Blizzard of 1888; girl heroine;

The Snow Walker Margaret K and Charles M. Wetterer 978-0-87614-891-4 This is the story of 12 yr. old Milton Daub's adventures in the Blizzard of 1888.

The Animals' Winter Sleep Lynda Graham-Barber 978-0-9662761-6-9 Simple sentence structure; gorgeous drawings; colorful; show various animals in winter;

What Do Animals Do in Winter? Melvin and Gilda Berger 978-0-8249-5314-0 Much denser info on the topic of animal behavior in winter; excellent for second grade;

Animals in Winter Henrietta Bancroft 978-06-445165-9 This is the redo of the same title; part of the “Let's-Read-and Find-Out- Science set; they are leveled readers-this being a stage 1 reader; Very clear and dense science but not too overwhelming for second graders.

Tacky and the Winter Games Helen Lester 978-0-618-55659-5 silly but approachable book for Winter Olympics;

North Country Night Daniel San Souci 0-385-41320-3 Older book but worth searching for; A realistic representation of a night walk around a lake in winter; It has addition and subtraction format; excellent action words for the movement of various animals; I use it with 1st grade;

Northern Lullaby Nancy White Carlstrom 0-399-21806-8 another old publication date; great for Kindergarten; addition format; gorgeous illustrations by Leo and Diane Dillon

Wild Horse Winter Tetsuya Honda 92-14044 based on wild horse behavior in winter in Japan this is gorgeously illustrated;

The Missing Mitten Mystery Steven Kellogg 978-0142301920 I agree with the 4 ½ star rating that is given on Amazon.com; a beautiful layered fun remake of The Mitten; lots of clues tucked away in each illustration; *If you look it up on Amazon.com, be

sure to look at 'Customers Who Bought This Item Also Bought' section for a slew of titles; looks like Missing Mittens is a genre unto itself;

The Mitten Jan Brett 978-0-329-04450-3 Ahhhhhh! Jan Brett with the extra story intricately woven into the picture on the borders; be sure to go to her web site www.janbrett.com/;

Angelina Ice Skates Katharine Holabird 978-0670062379 These Angelina books are cute, British and have their own TV show; I think it is on a PBS station; Lots in series; combine and contrast with:

Winter Jill Barklem 978-0689830570 Very difficult to find; small in the "Beatrice Potter Tradition"; mice have adventures in a natural setting;

Winter Lullaby Barbara Seuling 0-15-201403-9

Clear graphic pictures take you from fall to winter; good to remember how seasons flow from one to another;

Winter Blanket Brimner, Larry Dane 1-59296-520-2 The one book that takes the phrase "snow blankets the earth" and illustrates it well;

Winter on the farm : adapted from the little house books by Laura Ingalls Wilder 0-06-027170-1 (lib. bdg.) adapted and drawn from one or several books there is a series of these that start readers on their way to the classic chapter books by the author; Illustrations are in color and visually explain many of the aspects of pioneer life; the ill. Also are in the style of Garth Williams.

Snow Valentines Karen Gray Ruelle 978-0-8234-1533-5 (trade) Great small second grade level reader with chapters; reminds me of Frog and Toad books in size, chapters and topics;

Winter on the farm : adapted from the little house books by Laura Ingalls Wilder 0-06-027170-1 (lib. bdg.) Adapted from Almanzo's childhood on a New York Farm.

Winter is the Warmest Season Lauren Stringer 0-15-204967-3 The 1st and 2nd graders get the title joke; Large format and simple text explain the title;

Chicken Soup with Rice Maurice Sendak 978-0-06-025535-0 Classic, small in format, this verse gives us the 12 months with a boy of no name but an intense interest in chicken soup with rice; I often bring in a crockpot of chicken soup with rice and use a large immersion thermometer to measure the temperature. We notice steam. I show a ladle and spoon (to show how a ladle works better for dipping) and ladle up small samples to put in small cups. I do the cups before the Preschool, Kind. & 1st grades come in so they can cool. Many times I have been able to bring a bucket of snow in and put a similar thermometer in it to take its temp.

Million of Snowflakes Mary McKenna Siddals 978-0-395-71531-4 Small but clear and simple preschool book; perfect for a short story and moving on to the next; placing is everything with preschool;

Snow Uri Shulevitz 0-374-46862-1 Caldecott Honor book; I can't find it but am sure it comes as a video; best used with an Elmo presenter;

A bed for winter Karen Wallace. Dorling Kindersley readers. Level 1 0-7894-5707-5 I like the format of these reader from DK. Good white space, extra photos and levels are accurate. Look for this set.

Manatee Winter Kathleen Wiedner Zoehfeld 1-56899-075-8 This helps show the second graders the contrast in winter weather from the northern US to the southern US. Also, use Sam the Sea Cow Francine Jacobs Reading Rainbow #83 along with it. The field trip portion shows you manatee rescue work and the manatees moving and swimming.

Owl Moon Jane Yolen 978-0-399-21457-8 Caldecott Honor Book You are able to bring up migration again and show the great horned owl an example of not leaving the area.

