

Activities by Subject

Classroom Management

Dressed for Success Use the FUNky Frog Weather Bulletin Board as a tool to encourage classroom cooperation and good behavior. Begin the day with the bare frog accent. Each time the class demonstrates good behavior, place a clothing item on the frog. If the class fully dresses the frog by the end of the day, reward them with a treat.

Language Arts

It's Snowing Pandas and Ponies! Let students create a twist on the phrase "It's raining cats and dogs!" Share a few poems from Jack Prelutsky's poetry book *It's Raining Pigs and Noodles* (Greenwillow, 2005) with students. Invite each student to pair different types of weather with animals and write a sentence such as *It's snowing lions and grasshoppers*. Have students illustrate their sentences and display them on the FUNky Frog Weather Bulletin Board or in the hallway.

Math

Favorite Weather Graph Using the weather word accents, compile a class bar graph of students' favorite types of weather. Then, ask each student to illustrate what his favorite day would look like.

Clothing Sort Place a folder with pictures of clothing from magazines and department store advertisements in a math center. Instruct students to sort the pictures by type, color, purpose (for what type of weather the clothes are worn), etc.

Daily Weather Graph Make four copies of the Weather Graph (page 4). Record each day's weather over a four-week period. At the end of the four-week period, have students use the graphs to answer questions such as these:

- Which week had the most rainy days?
- Which week had the same number of cloudy and sunny days?
- How many times was it cloudy this week compared to last week?

Shopping List Have students use magazines or department store advertisements to help them prepare a clothing shopping list for each season's weather. Help students calculate how much each outfit will cost. From this data, have students determine which types of weather are the most and least expensive to dress for.

Science

Weather Wheel Give each student two paper plates and a brass paper fastener. Help each student use a pencil to divide both paper plates into six equal pieces (similar to a pie). On each section of one plate, students should write and illustrate one type of weather such as *sunny*, *rainy*, *windy*, *snowy*, *cloudy*, or *foggy*. Let students cut out one of the six sections from the second paper plate. Instruct students to write *Today's weather is* on the second plate and decorate it with weather-themed pictures. Have students position this plate on top of the first plate and secure them in the middle with the brass paper fastener. Each day, students can rotate their weather wheels to reflect the weather outside.

Air Experiment When the sun heats the air in the atmosphere, the air rises and expands. Then, cooler air rushes in to fill the empty space. This movement of air creates wind. To demonstrate warm air rising and expanding, fill a small, plastic soft drink bottle with ice water to cool the air inside. Swirl the water around and then pour it out. Quickly stretch the neck of a balloon over the bottle's opening. Place the bottle upright in a pot of hot water. The hot water will heat the air in the bottle just like the sun heats the air in the atmosphere. The hot air will rise and expand into the balloon. Ask students what will happen if you place the bottle in a pot of cold water. (The air in the bottle will cool and contract. The bottle will sink, and the balloon will deflate.) *Caution: Before completing any balloon activity, ask families about possible latex allergies. Also, remember that uninflated or popped balloons may present a choking hazard.*

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Social Studies

Weather around the World Provide students with newspapers that contain information about national or international weather. Have students compare the weather in other parts of the country or the world. Ask students questions such as these:

- Which state or country has the coldest temperature?
- Which other areas of the world have the same type of weather we have now?
- How would the FUNky Frog be dressed if he was visiting _____?

Art

Clothes Collage Have students work individually or with partners to create collages of weather-appropriate clothes for each season using magazines or department store advertisements.

Suitcase Storage Divide the class into small groups. Assign either a season or a type of weather to each group. Give each group a sheet of poster board. Have them fold it in half horizontally to create a suitcase for the FUNky Frog's clothing. Then, have groups decorate their suitcases with weather-appropriate illustrations. Display the suitcases near the FUNky Frog Weather Bulletin Board.

Animals in Clothes Have students paint pictures of one of their favorite animals. Then, give students wallpaper and/or fabric samples to use to create clothes for their animals. Have students glue their handmade clothes to their animals. Display the pictures around the FUNky Frog Weather Bulletin Board.

Music

What Is the Weather Like Today? Before choosing weather-appropriate clothes for the FUNky Frog, prepare the class by leading them in a song to the tune of "Bingo." (Replace *sunny* with appropriate weather words such as *rainy*, *windy*, *snowy*, and *foggy*.)

What is the weather like today?

Let's look outside and see.

S-U-N-N-Y

S-U-N-N-Y

S-U-N-N-Y

And sunny is the weather!

Suggested Reading

Cloudy With a Chance of Meatballs by Judi Barrett (Atheneum Books for Young Readers, 1978)

DK Eyewitness Books: Weather by Brian Cosgrove (DK Children, 2007)

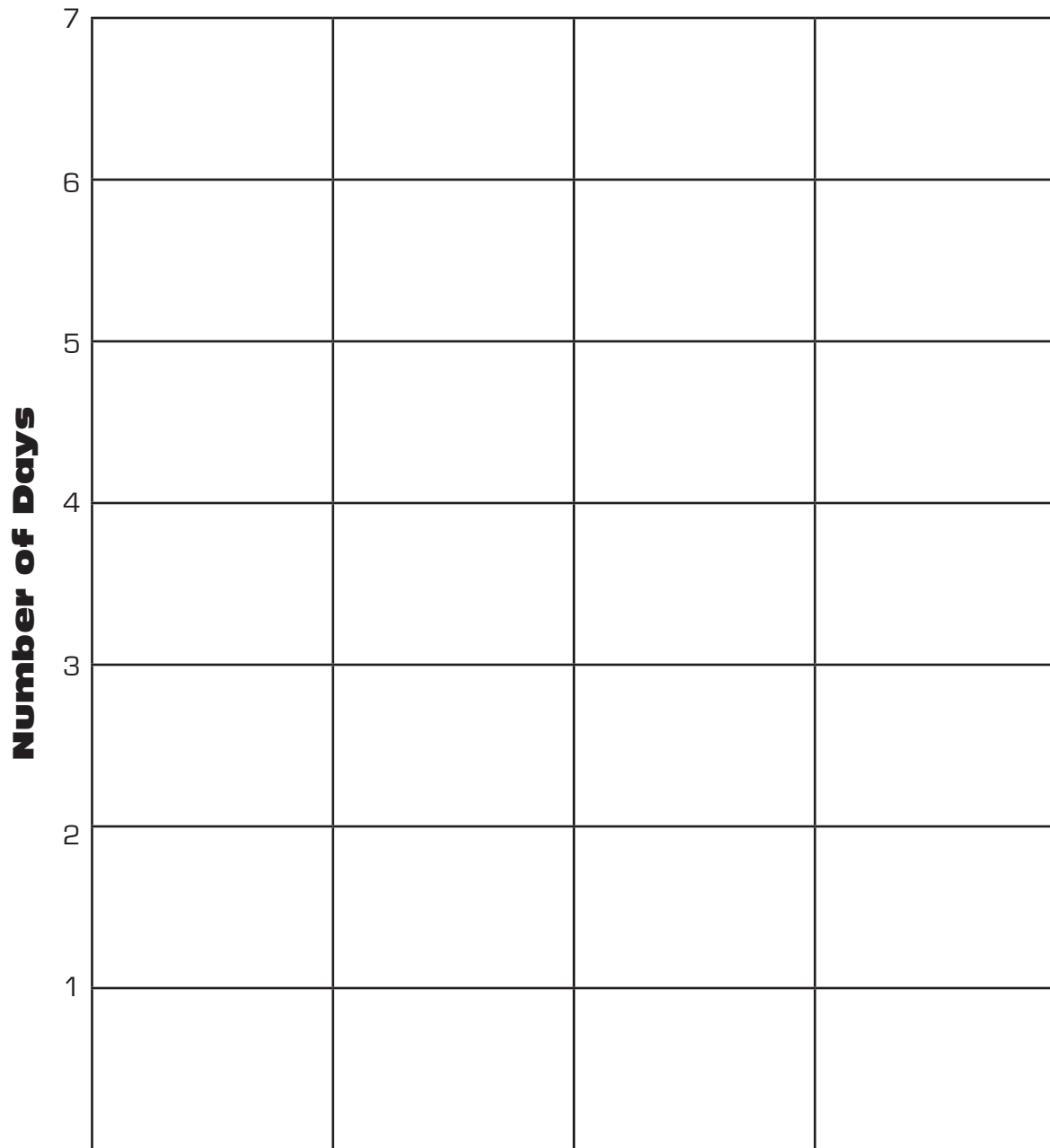
The Kids' Book of Weather Forecasting (Williamson Kids Can! Series) by Mark Breen and Kathleen Friestad (Ideals, 2008)

National Geographic Kids Everything Weather: Facts, Photos, and Fun That Will Blow You Away by Kathy Furgang (National Geographic Children's Books, 2012)

Oh Say Can You Say What's the Weather Today?: All About Weather (Cat in the Hat's Learning Library) by Tish Rabe, (Random House Books for Young Readers, 2004)

Weather Graph

Weather for the Week of _____



sunny



rainy



cloudy



snowy



Types of Weather