



# District Monthly Science Homework Activity Calendar

## December

Name \_\_\_\_\_

Keep a tally of the daily outside temperature for this month. <b>Red</b> 36°C and higher _____ <b>Orange</b> 26°C to 35°C _____ <b>Yellow</b> 16°C to 25°C _____ <b>Green</b> 6°C to 15°C _____ <b>Blue</b> 0°C to 5°C _____	Have an ice cube-melting contest. Put an ice cube in a zip plastic bag for everyone. List ways you can melt the cube faster.	Go on a search for spheres. Find objects in and around your house that are spheres. List or draw them on a piece of paper.	Make a list of toys that spin or have spinning parts. Choose one, draw a picture of it, and describe how it spins.	<b>Solve This!</b> How many wheels are on the parking lot if 2 cars and 3 motorcycles were parked on it?
Cut out <a href="#">shapes</a> from cardboard. Try to find the balance point of each shape. (Example: star, triangle, circle)	Recycle a tin can by covering it with pictures from magazines. Use it as a pencil holder. Bring it to school to show the class.	<b>Student:</b> <b>Create your own Science Homework Activity about balance and motion.</b>	List four ways to <a href="#">travel</a> from one place to another. Draw a picture of your favorite way to travel.	Go for a <a href="#">winter</a> walk with a friend. Write or draw about your walk.
Create a <a href="#">maze</a> by cutting pieces of straws and gluing them on the lid of a shoebox. Roll a marble along the path of the maze.	Recycle a hanger by making it into a <a href="#">mobile</a> . Hang different items that you find in your home on it. Is it balanced? Bring it in to show the class.	Ask an adult for five kitchen utensils that are not sharp or breakable. Try to balance each on your finger. Describe how the shape affects the balance point.	Look in magazines for pictures of things that roll or spin. Glue them on a piece of paper to make a collage.	What is your favorite <a href="#">sport</a> ? Tell about the ways you use balance or spinning to play.
Find 3 canned food items of different sizes. Set up a ramp to roll the cans on. Which one rolled farthest? Can you explain why?	<b>Teacher:</b> <b>Create your own Science Homework Activity about balance and motion.</b>	Tally the weather conditions for each day this month: Sunny _____ Cloudy _____ Rainy _____ Snowy _____	Go to a mall or supermarket. Look for things that balance. Write or draw what you found.	Visit the <a href="#">Carnegie Science Center</a> during the winter vacation. Bring back a brochure about what you saw or would like to see.
<b>F</b> <b>O</b> <b>S</b> <b>S</b> <b>Balance &amp; Motion</b> <b>1</b>		Which of these objects will roll farther – a ping-pong ball, a balloon filled with air, or a baseball? Roll each one and measure the distance it rolls. Record your observations.		Visit the <a href="#">Frick Environmental Center</a> during the winter vacation. Bring back a brochure about what you saw or would like to see.