



Fourth Grade Winter Holiday Bingo Challenge



Learning is FUN! Complete as many learning activities as you can over the winter break. Ask an adult to initial each box once completed. Then return the Bingo Challenge and evidence to your teacher.

B	I	N	G	O
Complete 5 Dreambox lessons.	December 20 th is National Underdog Day. Who is the "underdog" in a book you are reading? Describe this underdog in depth and explain what makes them an underdog.	Explore the outdoors! Find examples of physical changes and chemical changes. Keep a list of the examples you find and if possible take pictures.	December 21 st is National Crossword Puzzle Day. Design a crossword puzzle with at least 8 clues. Ask someone to solve it.	Code.org Complete 2 lessons. Record the code you wrote to complete an activity and describe what happened.
December 23 rd is National Pfeffernusse Day (a very popular German-spiced cookie). Draw a picture of your favorite dessert and tell why it is your favorite. Describe the dessert using concrete details and descriptive information.	Ask an adult for materials around the house you can use to create a marble track. (For example, empty toilet paper rolls or paper towel rolls, cereal boxes, cups, etc.) You will also need a marble or small ball to test your track. Use these materials to create a track. Can your marble complete the track? Sketch a diagram of your creation.	Factors/Multiples List all the factor pairs for 50 and the first 5 multiples. Record this on the back.	Count to 20 Play Count to 20 with a partner. Record the smallest number you can say to ensure that you will win.	Explore the internet to find out how to make your own windmill or water wheel. Explain how windmills and/or water wheels can be used to generate electricity.
Create a rubber band guitar using a rubber band and a cup. How can you change the pitch of the rubber band?	Clear the Board Number your paper 1-12. Write an equation that equals each of the numbers on your board. Use only these numbers in your equation: 3, 6, and 8 Example: 11= 6+8-3 Record this on the back.		December 26 th is National Thank-You Note Day. Write a thank-you note to someone. Be sure to include reasons why you are thankful. Support your reasons with details.	Fill a clear cup halfway with water. Draw a line on the cup to show where the water is. Observe your cup each day, marking a line where the water is each day. Talk to your family about your observation and explain what you think happened to the water. Explain which states of matter the water was in throughout your observations.
Be creative! Write a song, a poem, or a story about the topic of your choice. It could be about a favorite holiday, a great gift, or an important person in your life.	Name that Number Make the number 8 using as many of these numbers: 5, 6, 1, 12, 4 and using as many operations as you can. Record the expressions on the back.	Complete 5 more Dreambox lessons.	Research complete and incomplete metamorphosis. Draw a diagram of the life cycle of an insect that goes through complete metamorphosis and one that goes through incomplete metamorphosis. Compare your diagrams and then explain the difference between complete and incomplete metamorphosis.	December 26 th is National Flashlight Day. Turn off all the lights and read a book using a flashlight. How long can you read? Set a goal to read for a 1-o-n-g stretch of time. Record your start & stop time and the title of the book.
An adult tells you to "Shut the refrigerator, you're letting out all of the cold air." Is this an accurate statement? Talk to your family and see what they think, then find evidence in a book or on the internet that explains the correct answer.	Celebrate the New Year! What resolutions are you going to make? Make a list of potential resolutions and choose 1. Explain why this resolution is important. Then, stick with it!	Collect a plant specimen and observe the parts of the plant. What are the roles of each plant structure? Are there parts of a plant that have the same role as the structures in your body?	January 2 nd is National Science Fiction Day. Read a sci-fi book OR tell a story including time travel, robots, or aliens. What happens? Be sure to include descriptive setting details.	Invent a PlayStation or Xbox game and sketch the cover. If the game cover is 7 inches tall and 4 inches wide, what is its area? What would be the area if two games are placed side by side?