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Sunday	Math Monday	Nature Tuesday	Science Wednesday	Engineering Thursday	Fun Friday	Saturday
49	Make a toy wish list! Find the cost of each item and determine the total cost of your list.	Freeze different winter themed items and hang outside for decoration.	Pour whole milk in a shallow dish. Add food coloring. Dip a Q-tip into dish soap and then into the milk. Watch what happens when the soap reacts with the milk!	Design and build a catapult to fling snowballs! No snow? Use cotton balls or shaved ice.	STEM is everywhere! Watch a holiday movie and note how science, technology, engineering and math are part of the storyline!	
	Research how many children are in the USA. If only 80% of children are good this year, how many kids is that? 75%?	Make leaf prints by placing a piece of paper over a leaf and rubbing with a crayon. Can you identify the type of leaf?	Research animals that hibernate during the winter. Draw your favorite.	Design and build a gingerbread house!	Make holiday goop! Combine corn starch, water, and glitter.	
	Help bake holiday cookies! How much of each ingredient do you need to double the recipe? Triple?	Place a white flower into a cup of colored water. Wait a few hours. Next split the stem in half and put each half in a different cup of colored water.	Dissolve candy canes in different liquids such as water, vinegar, and oil. Which dissolves first?	Design a vehicle for Santa that doesn't need reindeer. Must land on rooftops, travel long distances, and be quiet!	Place unwrapped candy canes on a parchment paper covered cookie sheet. Bake at 250° F for 10 min. When cooled, bend and shape into new designs.	
	Find the distance to the moon. Measure the distance from your bed to the kitchen. How many times farther is the distance to the moon?	Research what reindeer eat to prepare for Santa!	Drop some M&M's into shallow warm water. Observe what happens.	Watch a video on the SciShow YouTube Channel.	Build a bridge using discarded wrapping paper and tape (or use newspapers). Test it out!	
	Find your heart rate in beats per minute. Run in place for 60 seconds and find your heart rate again. What is the percent difference?	Nature seems bare in winter. Go out and find signs of life!	Blow a frozen bubble! Blow a bubble and catch it on the wand. Wait a few moments to freeze (or stick in freezer). Pop it!	Build a fort from snow! No snow? Use cardboard boxes or other materials.	Watch a video on the NASA YouTube Channel.	ivifystem.com

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Sunday	Math Monday	Nature Tuesday	Science Wednesday	Engineering Thursday	Fun Friday	Saturday
00	Build an igloo with sugar cubes and frosting. Calculate the total volume inside the igloo.	Learn which animals hibernate and which forage for food in the winter. Which ones live in your area?	Make your own snow! Put baking soda in a bowl. Slowly add shaving cream to make snow. What happens when you drop in vinegar?	Build a tower using spaghetti and marshmallows.	Make a winter-themed flip-book story.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Calculate how many hours you sleep in one year. What percentage of the year do you sleep?	Find something pretty in nature. Place in ½ inch of water and freeze overnight.	Make a bouncy ball! Mix ½ cup of water and 1 tsp. of Borax. Slowly add 1 tbs. of school glue until solidified and form into ball.	Find an item that starts with each letter in "WINTER". Come up with an invention that uses all items.	Blindfold your friend and navigate him/her through an obstacle course using only verbal commands.	
₹	Setup a hot chocolate stand. How much will you charge per cup? Extra for marshmallows?	Search for winter animal tracks. What animal do you think it is?	Place five different liquids in an ice tray. Which will freeze first? Check every 20 minutes.	Design an alarm that will ensure you are never late to school again!	Make putty by mixing equal parts liquid starch and school glue. Stir! Add more glue or more starch to get right consistency.	
	Build a snowman. No snow? Use paper or cotton. Determine the total	Birds migrate south in the winter. Research why birds migrate and where	Spin like an ice skater! Sit in a chair with arms stretched out. Have someone spin you around.	Make a balloon-powered car out of cardboard and	Invent your own winter sports game!	

Bring in your arms. Try

again holding weights.

other available materials.

they go.

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