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| **SUNDAY** | **MATH**  **MONDAY** | **NATURE**  **TUESDAY** | **SCIENCE**  **WEDNESDAY** | **ENGINEERING**  **THURSDAY** | **FUN**  **FRIDAY** | **SATURDAY** |
|  | Make a toy wish list! Find the cost of each item and determine the total cost. | Make leaf prints by placing a piece of paper over a leaf and rubbing with a crayon. Can you identify the leaf? | Pour whole milk in a shallow dish. Add food coloring. Dip a Q-tip into dish soap and the into the milk. Watch what happens when the soap reacts with the milk. | Design and build a catapult to fling snowballs! You can also use cotton balls or shaved ice. | STEAM 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 50% of children are good this year, how many kids is that? | Freeze different winter themed items and hang outside for decoration. | 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? | Place a white paper towel into a cup of colored water. Split it 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 (draw) 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 another state. Measure the distance from your bed to the kitchen. How many times farther is the distance to the state. | Research what reindeers might eat to prepare for Santa. | Drop some M&Ms into shallow warm water. Observe what happens. Draw a picture or write about it. | Watch a [**SciShow**](https://www.youtube.com/channel/UCZYTClx2T1of7BRZ86-8fow)video on YouTube channel. | Build a bridge using discarded wrapping paper and tape (or use newspaper.) 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 difference? | Nature seems bare in winter. Go out and find signs of life. Draw pictures or write about what you see. | 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 You Tube Channel. |  |

YOU MAY WANT TO RECORD YOUR RESULTS IN A NOTEBOOK! GET PERMISSION AND HELP FROM AN ADULT.