



STEAM STARZ

Winter Break

STEAM ACTIVITIES

See how many STEAM activities you can complete during break.

Test what freezes on the top or bottom of an ice tray using household items.	Make fake snow using baking soda and white conditioner.	Measure how far you can throw a snow ball.	Practice coding on code.org	Build a snowflake using open-ended materials.
Create the tallest snowman using mini and large marshmallows.	Make a snowflake with pipe cleaners and beads.	Design, build, and create a snowman in the snow.	Go on a winter hike and look for animal tracks.	Read Violet the Pilot.
Play a board game with your family.	Build an igloo using toothpicks and mini marshmallows.	Read a book about engineering.	Experiment with Baking Soda and Vinegar.	Locate ten magnetic objects around your home.
Hot cocoa experiment: Which water temperature will melt marshmallows the quickest.	Invite a friend to a STEAM STARZ class.	Cut and design snowflakes using construction paper.	Design, build, and create a snow fort with a friend.	Experiment with sledding to determine which sled goes faster and why.
Determining Buoyancy: Will Candy Canes, Ornaments, and Jingle Bells Sink or Float?	Build with Legos while wearing mittens.	Measure how much water is in snow by collecting snow and measuring it once it melts.	Read Ada Twist Scientist.	Candy Cane Experiment: Test what will happen to the candy cane using 3 different types of liquids.