

Cat Avalanche Station Instructions

Material list:

Cardboard squares	Large bins (3+)
Foam sheets	paper towels
paper	two ramps
Straws	Plastic sheets
Felt	Fake snow
Craft Sticks	Wiffle balls
Tape	2+ pitchers
scissors	
rubberbands	Ice (optional)
	cups (optional)

Set out construction materials on two tables with instructions to build a simple box for the cat. Have a third table ready if these crowd. Station instructions go on these tables.

Lay down plastic sheets beneath the two large tubs. Make the fake snow according to directions in another tub.

Set up the ramps so that the low end is in a bin and the high end is resting on a chair, both over plastic. Place wiffle balls, fake snow, ice and paper towels (for cleaning hands).

Students will make structures or barriers for their cat at the tables, then test it in the tub by rolling balls down the ramp and using pitchers/cups to dump on snow and ice. Ask them what happens to their structures? What test was it more prepared for? What could you change?

Students are welcome to fix or change their structure, but facilitate a line so everyone gets a turn testing and encourage patrons to clean up any big messes. Award the badge!

If the instant snow runs out or becomes too unmanageable, sand, gravel or beads can be substituted-or rely on only the wiffle ball experiment.