

SKI CHALLENGE

[Sanity Savers: Ski Challenge - Explore & More Children's Museum \(exploreandmore.org\)](http://exploreandmore.org)

[Fun Ways to Celebrate Winter Sports - Teachers are Terrific](#)

Escape Room Challenge (EXTRA FEE): [Escape Room with Winter Sports by Teachers Are Terrific | TpT \(teacherspayteachers.com\)](#)

YouTube Video of Skier: <https://youtu.be/Zg5scW15kLc>

SUPPLIES NEEDED:

- Tinfoil
- Tape
- Scissors
- Craft Sticks
- Straws
- Q-tips
- A simple ramp made from cardboard or a large book.



STEPS TO BUILD YOUR SKIER:

- 1) Decide if you want to build a regular skier, a snowboarder, or a sled.
- 2) Make your skier out of tinfoil by bending and molding the tinfoil into the shape you want.
- 3) Attach your skier to your choice of skis, snowboard or sled.
- 4) Predict how your skier will go down the hill. Will they fall over or stay up straight? Will they go down slow or fast?
- 5) Send your skier down the hill! Take them to the top of your hill and let them go!
- 6) Some trial and error things to think about: If your skier falls over, check to see if the skis are uneven. If they are slow, try taping a penny to each ski and see if the weight will change the outcome.



STEPS TO BUILD YOUR SKI LIFT:

- 1) Make a ski lift using tape, craft sticks, and a straw. Use pictures for reference or design your own.
- 2) Mold and shape your skier that you built previously to sit on the lift.
- 3) Use string to hang your ski lift on display or create an actual moving ski lift for all the skiers!



SKI CHALLENGE:

Adding a design challenge to the lesson can add an extra layer of fun and creativity to this fun learning activity. Here is one suggestion but feel free to come up with your own!

Perry loves skiing, snowboarding, or sledding! Anything just to be out in the snow! Today he is on a ski trip in the Swiss Alps. Perry has a problem though. When he gets to the top of the hill one of his skis broke! Perry has just found out that all his friends are meeting at the bottom of the hill for a cup of the BEST hot chocolate in the world! What will Perry do? Can you help Perry get to the bottom of the hill in time to enjoy hot chocolate with his friends?