



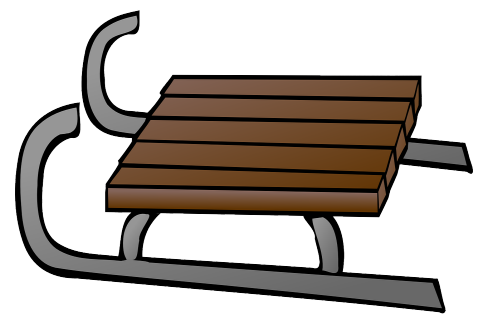
Family STEAM Challenge Winter Sledding Ramp

The Scenario: It's January and the snow is falling. It is pretty and there are fun activities to play in the snow. You can build a snowman or lay down in the snow and make a snow angel. Have you ever been sledding in the snow? Have you gone fast down a hill on a sled?

The Challenge: To design and create a sled that goes down a ramp. Can you create a ramp or slope for your sled to go down? How fast can your sled go down your "hill" or ramp? How can you make your sled go faster?

Remember to:

- Complete the design stage first.
Draw it out.
- Record the process/steps as you complete them.
- Work together with family members.
- Try to improve your project. How can you make it better?
- Be CREATIVE!
- Have Fun!



You can use these ANY materials for this project.

Possible Materials:

- Toilet Paper Roll
- Egg Carton
- Spoon
- Plastic bottles
- Ruler
- Blocks
- Paper
- Cardboard
- String
- Popsicle sticks
- Tinfoil
- Straws
- Tape
- Glue
- Craft Materials