

WORKSHOP EXTENSION ACTIVITY

Built by The Home Depot Kids Workshop

January 2023: Snowball Game

Ages 5-12

CONNECT.

Out of all the games you've ever played, can you choose your favorite? Then consider the following: Why do think you like it so much? What makes it fun? What makes it challenging?

INVESTIGATE.

Now let's see what changes you can make to your Snowball Game to make it more like the game you have just described.

You'll need:

- Your Snowball Game
- Hex nuts
- Washers
- Toothpicks
- String
- Weather stripping
- Scissors
- Tape

1. First, play your Snowball Game a few times without changing anything so you can observe how it works.
2. Then look at the materials listed above, and think about how you could arrange them on the Snowball Game to add barriers and roadblocks. Try to consider what would make it tricky to score a goal.
 - **Remember:** It will only be fun if the game is challenging, but not impossible!
3. Begin with one material, and test it out. (It may be helpful to use a loop of tape to hold it in place.) Then give the game a try, and test how it works once this material has been added.
4. Continue adding new roadblocks and barriers (pausing to test after each new addition) until you are happy with how the game plays. Before you officially decide that you're done, it may be helpful to have someone else give it a try too.

INNOVATE.

You'll need:

- The materials from above that you added to your Snowball Game
 - Glue
1. Now it's time to create your final product. Remove the tape and use the glue to finalize your changes and create a new version of your game.
 2. Give the glue time to fully dry once everything is put in place. (The glue container should tell you how long this will take!)
 3. Then once your glue is set, give your new game a try! Recruit a few friends or family members to try it too, and see how they fare playing Snowball Game, Version 2.0!



In your project, you begin with a simple snowball game and then build additional elements to make it more challenging. Similarly, a **Mason** is responsible for building foundations for homes and buildings. Masons use bricks, blocks or stones to create walls, walkways, fences, and chimneys that support and enhance structures.

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