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# Educational Games

## Melting Marshmallows Engineering Challenge

Melt away the homework blues with this activity that combines a classic treat with educational fun!



### How to Play

1. Create floating structures with marshmallows and toothpicks.
2. Fill a mug for each player with hot chocolate.
3. Place structures in hot chocolate; let them melt.
4. The player whose final marshmallow is last to touch the hot chocolate wins!



### Quick Info

Players: 2+

Ages: 5+

Prep time: 5 min.

Playing time: 20+ min./game

Supplies:

- Mini marshmallows
- Hot chocolate
- Rounded toothpicks
- Mugs

### Adaptations



1. If your mugs are too thin, use a bowl or ramekin to fit wider structures.



2. Limit the number of marshmallows or toothpicks that players can use.

### Safety Note

Count the number of marshmallows used for each structure. Before drinking the hot chocolate, count to make sure all toothpicks are removed from the cup, as some may hide at the bottom. Do not let anyone drink hot chocolate until all toothpicks are counted and removed.

**Conversation Starter:** Rather than letting marshmallows melt completely, remove the structures from the mugs after two minutes. For comparison, have a mug where the marshmallows go straight into the hot chocolate (no structure). How did the marshmallows do when they worked together vs. alone? Talk about how we gain strength by working together. Whom can you help?