

Spaghetti Bridge Challenge

Using only spaghetti and marshmallows, challengers must design and construct their very own bridge!


Are you up for the task???

Contest will be judged in three age groups:
Grade K-4 / Grade 5-8 / Grade 9-12.

Each age group will have 1st, 2nd, and 3rd place winners.

1st place-\$75, 2nd place-\$50, 3rd place-\$25.

All winners will receive Amazon e-gift cards.



Contest starts
January 25th and
ends January 31th,
2021 at 12:00 p.m.

Challenge Materials

- 1 box spaghetti noodles
- 1 bag mini marshmallows
- Phone or camera for recording
- Loonie
- Toonie
- 1/8 cup of sugar or salt in Ziploc bag
- 1/4 cup of sugar or salt in Ziploc bag

Challenge Rules

1. Challengers must first create blueprints for their bridge. Then take a photo.
2. By using only marshmallows and spaghetti, challengers must construct bridge. Bridge must be at least 12 inches long and 6 inches wide. Take a photo. Include some photos that indicate measurements of bridge.
3. When bridge is complete challenger must video record weight challenge (see instructions below).
4. Make sure to follow the legend below to see how you will be graded.
5. Please send your name, grade level, pictures, blueprints and video to skillsmb@skillsCanada.com, no later than January 31st at 12:00 p.m.



safeathomemb.ca

* The winning photos may be posted to our social media accounts

Note: Photos must be appropriate for all audiences. Any offensive photos are automatically disqualified.

Spaghetti Bridge Challenge



Judging/Scoring

How to complete weight challenge:

1. Make sure you have weights ready. You will need a loonie, toonie, a Ziploc bag filled with 1/8 cup of sugar or salt, a zip loc bag filled with 1/4 cup of sugar or salt.
2. Start filming.
3. Add first weight on bridge, a loonie. Wait 30 seconds.
4. Add on second weight, a toonie. Wait 30 seconds.
5. Add on the 1/8 cup Ziploc bag. Wait 30 seconds.
6. Add on the 1/4 cup Ziploc bag. Wait 30 seconds to complete video.
7. Stop video.

Weight Challenge

Bridge held loonie for 30 seconds	5 points
Bridge held loonie & toonie for 30 seconds	10 points
Bridge held loonie, toonie & 1/8 cup Ziploc bag for 30 seconds	15 points
Bridge held loonie, toonie, 1/8 cup Ziploc bag & 1/4 cup Ziploc bag for 30 seconds	20 points

Blueprints

No blueprints provided	0 points
Challenger had blueprints with measurements	5 points
Blueprints were to scale with measurements outlined. Provided length of bridge in an image.	10 points
Blueprints were to scale with measurements outlined. Detailed. Provided length of bridge in an image. Straight edge was used. Lines are neat and clean	15 points

Design

Challenger's submission was made from correct materials	5 points
Challenger's submission was made from correct materials and met one of the measurement requirements (Length or Width)	10 points
Challenger's submission was made from correct materials and met both of the measurement requirements (Length and width)	15 points

For more fun activities like this one, check out this link: <https://safeathomemb.ca>



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Challenge
Total Marks

50

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Note: Videos must be appropriate for all audiences. Any offensive videos are automatically disqualified.