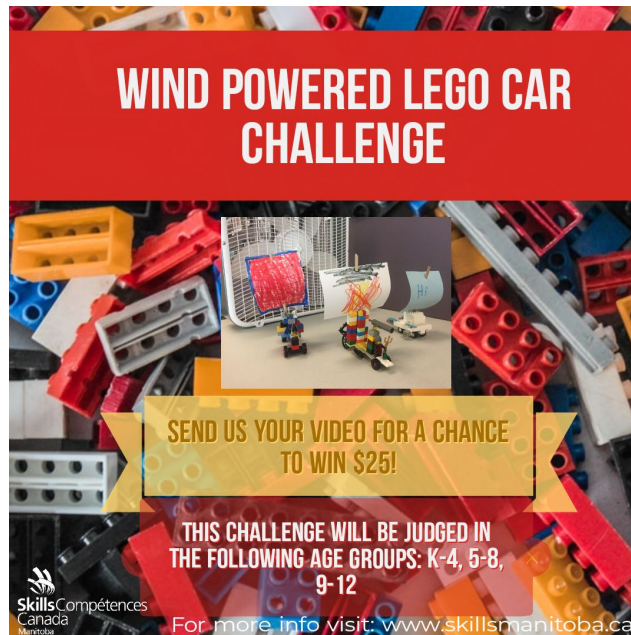


Wind Powered Lego Car Challenge

Create a car out of LEGO that is powered by wind! The challengers are required to build a LEGO car with at least 3 wheels and must use a wind source, such as a fan or hair dryer to make it travel!



Deadline to enter the challenge is November 13th, 2020, at 12:00 p.m. Contest will be judged in three age groups (Grade K-4, Grade 5-8, Grade 9-12). Each age group winner will receive a \$25.00 Amazon e-giftcard!

Challenge Materials

- Lego (You may use only Lego, or similar Lego-type products)
- Any type of paper or fabric for a sail
- Any household materials required to build and attach sail to vehicle
- Pencil/pen and paper for blueprint designs
- Measuring Tape
- Hair dryer or fan
- Camera and Video Recording Device

Challenge Rules

1. You MUST draw your blueprint design on paper first. Designs with measurements and legend will receive higher marks (See judging section for more). Take a photo of design.
2. Your car must be no longer than 20 cm (bumper to bumper). Take photos of car.
3. Your car MUST have 3 or more wheels
4. Your car MUST have sail attached
5. Lay out a measuring tape up to 2.5 meters

6. Video must be taken to complete this step. Place the car next to measuring tape at 0. Use wind source and keep wind source at 0, start blowing the car until it stops. Include how far the car has travelled in the video.

7. Please send all photos and videos to skillsmb@skillscanada.com

Judging/Scoring

Distance Achieved	Points
Vehicle travelled 0 – 1 meters	10 points
Vehicle travelled 1 – 2 meters	15 points
Vehicle travelled 2 – 2.5 meters	20 points
Total Marks (Total out of 20)	

Creative Design	Points
Challenger's submission was made from lego or lego like materials and met either # of wheels or length requirement of the challenge criteria	5 points
Challenger's submission was made from lego or lego like materials and met both # of wheels and length requirement of the challenge criteria	10 points
Challenger's submission met challenge criteria and had a theme	15 points
Challenger's submission met challenge criteria, had a theme AND sail was decorated to that theme	20 points
Total Marks (Total out of 20)	

Design Plans	Points
No Plan was provided	0 points
Challenger had plans with measurements	10 points
Plans were to scale with measurements outlined. Provided Length	15 points
Plans were to scale with measurements outlined. Detailed. Provided Length. Straight edge was used. Lines are neat and clean	20 points
Total Marks (Total out of 20)	

Challenge Total Marks: / 60

*The winning photos will be posted to our social media accounts Note: Photos must be appropriate for all audiences. Any offensive photos are automatically disqualified.