

Paper Airplane Challenge



The challengers are required to create their very own paper airplane that carries cargo! Each challenger will be judged on design plans, target practice and a distance challenge!

Now get creating!

**Contest starts
March 1st
and ends
March 7th, 2021
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 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.

Challenge Materials needed

Paper (copy paper, construction, newspaper), one sheet of 8.5 x 11 paper • Money coins to make up to \$1.60 (loonie, 4 dimes, 2 nickels) • Tape • Measuring tape • Camera/Video Recorder

Challenge Rules

1. Create blueprint of your paper airplane. Plane size must not exceed 11 inches in length. Take photo of blueprints.
2. Fold paper to create paper airplane. Take a photo of airplane.
3. Add cargo to the plane! Insert or attach 2 dimes.
4. Target Practice test - First, using your measuring tape, measure out 10ft from a doorway. Use tape and a single sheet of 8.5 x 11 paper to make a "target" in the upper third of the doorway.
6. Take video of you throwing your airplane. Glide your plane into the "target" Did it make it?
7. Add more cargo by inserting or attaching more coins. Make sure to include in your video how much additional coin your plane is carrying.
8. Distance Test – set up your measuring tape to 10 feet. Ensure plane has all \$1.60 worth of cargo on it.
7. Stand at zero and take a video of you throwing your airplane. How far did it go? Make sure to include a close up in your video of where the plane landed (i.e. ft. travelled).
8. Make sure to follow the legend below to see how you will be graded.
9. Please send your name, grade level, photos and videos to skillsmb@skillscanada.com, no later than March 7, 12:00 p.m.



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Judging/Scoring

Target Practice

Plane travelled with 20 cents attached	5 points
Plane made contact with target with 20 cents attached	10 points
Plane made contact with target with 25 to 50 cents attached	15 points
Plane made contact with target with 75 cents to 1 dollar attached	20 points

Distance Challenge

Successfully completed distance test with \$1.60	5 points
Completed distance test with \$1.60 and recorded distance in video	10 points
Completed distance test with \$1.60 and recorded distance in video. Plane travelled less than 4 ft.	15 points
Completed distance test with \$1.60 and recorded distance in video. Plane travelled between 4 and 7 ft.	20 points
Completed distance test with \$1.60 and recorded distance in video. Plane travelled between 7 and 10 ft.	25 points
Completed distance test with \$1.60 and recorded distance in video. Plane travelled 10 ft. or more.	30 points

Design Plans

No plan was provided	0 points
Challenger had plans with measurements	10 points
Plans were to scale with measurements outlined. Provide length and width.	15 points
Plans were to scale with measurements outlined. Provide length and width. Straight end was used. Lines neat and clean.	20 points



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**Challenge
Total Marks**

70