



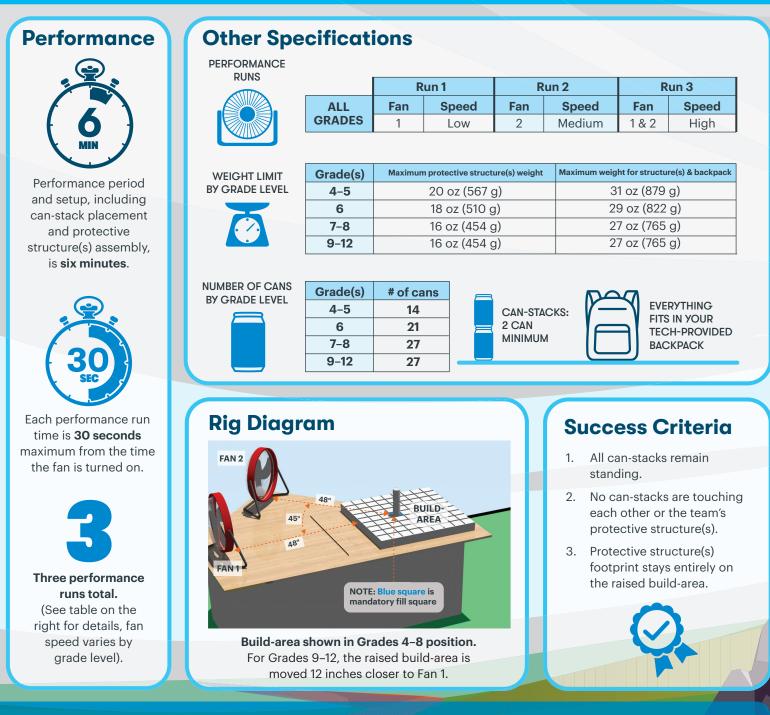
Severe weather ahead! Storms are getting worse bringing strong winds that create danger and destruction. Can you use your engineering skills to defend against high wind conditions?

Revised 4.6.2023

Presented by

amazon

THE CHALLENGE: Build a structure to protect vulnerable objects from extreme winds.



Don't forget to read the full rules at thetech.org/thetechchallenge/rules



2023 Tech Challenge Safety Guidelines

STAY SAFE



Wear protection

Wear appropriate safety gear for the task. ANSI-approved eye protection is required.

Listen and be alert

Pay attention and follow the

Safety Officer

Identify one student to oversee safe design and implementation.

Be cautious while operating fans. Do not remove fan finger guards

judges' directions.

Fan safety

Have a







No flammable liquids or gases

No pressurized gases > 5 psi





No animals







Don't ignore safety labels

No climbing

Spirit of the Challenge

or grill.

The Tech Challenge emphasizes the importance of engineering solutions that would be practical in real life. Test rigs involve small-scale representations of real-world conditions. Teams should develop designs that represent real-life solutions.

The Spirit of the Challenge is an important factor in scoring. The best engineering journals document an understanding of real-world factors and contain a detailed explanation of how your design might have practical, real-life applications. Teams should expect judges to press them on this issue and will be asked questions such as "How would your design work in real life?" A good explanation of how their design approach is compatible with the Spirit of the Challenge will have a positive influence on the team's score.

While store-bought solutions are not prohibited, they are not in the Spirit of the Challenge.



- Submit one journal as a PDF
- Handwritten or typed/must be legible
- Keep a detailed record of all your teams' activities

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