



WISCONSIN

2026 - 27

ENGINEERING CHALLENGE PREVIEW: UNDER INVESTIGATION



The Engineering Challenge asks students to explore and apply engineering skills and tools to design and build solutions to specific applications.



UNDER INVESTIGATION
ENGINEERING

Every great mystery starts with something puzzling, bizarre, or seemingly impossible. In this season's Engineering Challenge, teams will create a weight measurement system that can determine the weight of an object as accurately as possible and incorporate it into a story about a detailed investigation. What clues will teams uncover as the investigation unfolds, and what mysteries are waiting to be solved?

2026 - 27 Engineering teams will get to:

- Create and present a story about a detailed investigation of an unusual occurrence.
- Include a freeze that shows at least one character continuing to interact with elements of a scene while the rest of the action has stopped.
- Design and build a freestanding weight measurement system that will be used to determine the weight of randomly selected mystery weights.
- Integrate the weight measurement system, the mystery weights, and the weight measurement system testing into the Presentation.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.



Learn more at wisconsindi.org

Questions? Please contact us!

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DESTINATION
IMAGINATION

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