

BEST Robotics: Competition-Based FREE Fall Program



Inspires a Student's STEM Passion

- Schools participate at no cost -- there is no entry fee nor cost for materials.
- Training provided for teachers, mentors, and students - both online and in person.
- Any school may participate regardless of socioeconomic status, size, or location. Public, private, and home school groups or organizations are welcomed to participate.
- School teams can participate as a club, class, or career student organization.

[Checkout Teacher-Student Experience Video \(5-min\)](#)

- Students are the primary participants and benefactors. Students perform all the work; mentors serve as coaches to guide & advise.
- Engineers and other technical professionals from local industries can serve as team mentors and be connected to your team.
- Hundreds of volunteers help run the local competitions and regional championships by serving as event personnel, judges, and team mentors.



Positive Impact for Students Participating in BEST

As a result of participating in BEST, students:

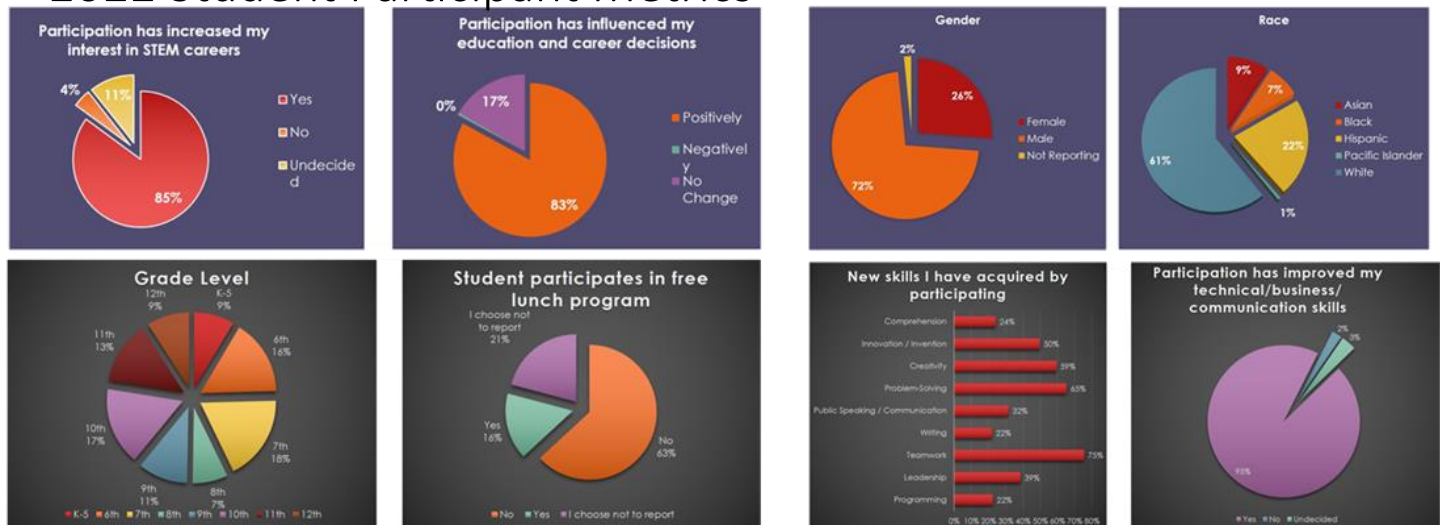
- Understand the practical use of math concepts and applied physics
- Connect academic disciplines to real-world career pursuits
- Gain an increased interest in engineering, math, and science
- Begin to understand and perform what engineers do using the Engineering Design Process
- Experience "design-to-market" product development
- Receive recognition and acclaim typically reserved for their peers in sports

Students become competent & confident in:

- Computational Thinking (Abstraction, Patterns, Decomposition, and Algorithmic Thinking)
- Self-Directed Learning
- Teamwork
- Project Management incl: prioritizing tasks with development and design to strategies
- Decision-Making/Problem-Solving
- Leadership
- Financial Literacy
- Written and Oral Communication
- Collaboration and Compromise

[Check out Student Impact Video \(3-min\)](#)

2022 Student Participant Metrics



2023 BEST Game- Incision Decision

8-Week Fall Schedule: in work



Click for 1-min 2023 game teaser video

Event	Date	Location
Colorado Local Competition		
Kickoff (game reveal, materials, training)	Sept	TBD
Critical Design Review Presentation	Afternoons & Saturday week before Practice Oct	ONLINE 25-min
Practice Day	Oct	TBD
Engineering Notebook	Oct-Nov	Due Practice Day 9AM
Game Day	Nov	TBD
Denver BEST Regional Championship		
Engineering Notebook	Nov	Due 2-weeks before
Denver BEST 2-day Event	16-17 Dec	Denver Coliseum

Free Training Available

Summer Teacher – Mentor Institute (TMI) (4 CEUs or 40 PD Hrs)

June-July ONLINE + mid-July Hands-on Classroom
 2023 Training Materials including videos <https://www.rmbest.org/2023-tmi/>

ONLINE Summer Student Training Options

[Online bESTology Weekly Postings](https://bestology.bestrobotics.org/)

<https://bestology.bestrobotics.org/>

A weekly resource for schools participating in the nationwide BEST Robotics program to learn educational and workforce development concepts revolving around the 2023 game **INCISION DECISION!**

[BEST Simulink Summer Workshop](#)

[\(6 1-hr sessions\)](#)

Online Series by MathWorks introduces students to programming robots using MATLAB & Simulink. Complementary Simulink License available for participating BEST Team students.

BEST Robotics Competition Locations- 3 in Eastern Colorado

Go to Registry.BESTRobotics.Org to register your school

[Rocky Mtn BEST](#)

Denver Metro + ANY Colorado School interested outside Front Range or Golden Plains areas



[Front Range BEST](#)

South Denver Metro Suburbs & Southeastern Colorado



[Golden Plains BEST](#)

Northeastern Colorado



Interested in Learning More?

Email: RM.BEST.Info.Request@bestinc.org Website: <https://www.rockymountainbest.org/>
 We will connect you with the supporting BEST organization.