



STEM
sports[®]

science • technology
engineering • math • sports

Multi-Sport Ball Edition Module 4.0

Advancements in Baseball
GRADES 3rd – 5th



MODULE

4.0

GRADES
3-5

What Do You Need?

Supplies Provided
Worksheets

Materials Needed
Pencils and Smartphone or
Tablet



Test Your Knowledge

Have your students take this lesson's assessment prior to engaging by visiting:

<https://stemsports.com/assessments/>

. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.



Fun Fact

The Replay Command Center, which has access to plays from any baseball park in MLB, is located in New York.

Engage

Is there a time you wish you had “instant replay” technology outside of sports?



Explore

Play a game of “500,”
record and view
frame-by-frame.

Explain

Learn about how technology has had a positive and negative impact on the game. Define Criteria and Constraints for solutions to the problem.

Engineering Design Process



Elaborate

What is your stance around instant replay in baseball?
Use the [worksheet](#) as a guide.



Evaluate

Use the [worksheet](#) to write a letter to the Commissioner's Office of Major League Baseball.



What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting: <https://stemsports.com/assessments/>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.



Extend

Challenge Yourself!

Present your letter to the class,
including a reader and individual(s)
for Q&A.



What is your Dream Job?

STEM Jobs in Sports

- Baseball: Umpire (League Office)
- Sportswriter
- Broadcast Engineer
- Baseball Analyst
- Sports Commissioner

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