



science • technology engineering • math • sports

**BASEBALL** 

Module 8.0

Advancements in Baseball GRADES 3<sup>rd</sup> – 5<sup>th</sup>



#### What Do You Need?

**Tablet** 

Supplies Provided Worksheets

Materials Needed
Pencils and Smartphone or







## **Test Your Knowledge**

Have your students take this lesson's assessment prior to engaging by visiting: <a href="https://stemsports.com/assessments/">https://stemsports.com/assessments/</a>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.





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







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





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

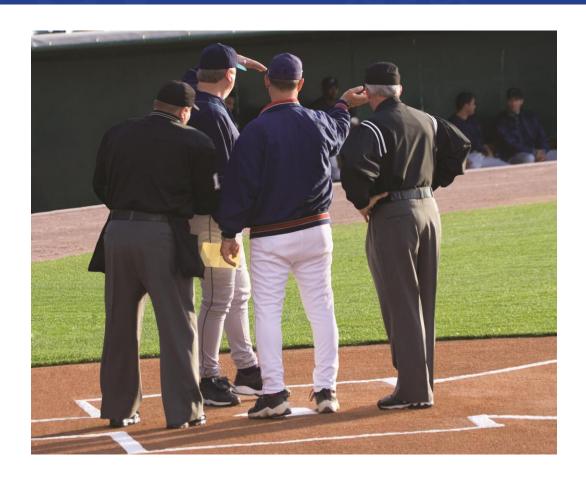
#### **Engineering Design Process**







What is your stance around instant replay in baseball? Use the worksheet as a guide.







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.







## **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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