

**STEM**  
*sports*<sup>®</sup>

science • technology  
engineering • math • sports

## **BASEBALL**

Module 8.0

Advancements in Baseball

**GRADES 6<sup>th</sup> – 8<sup>th</sup>**



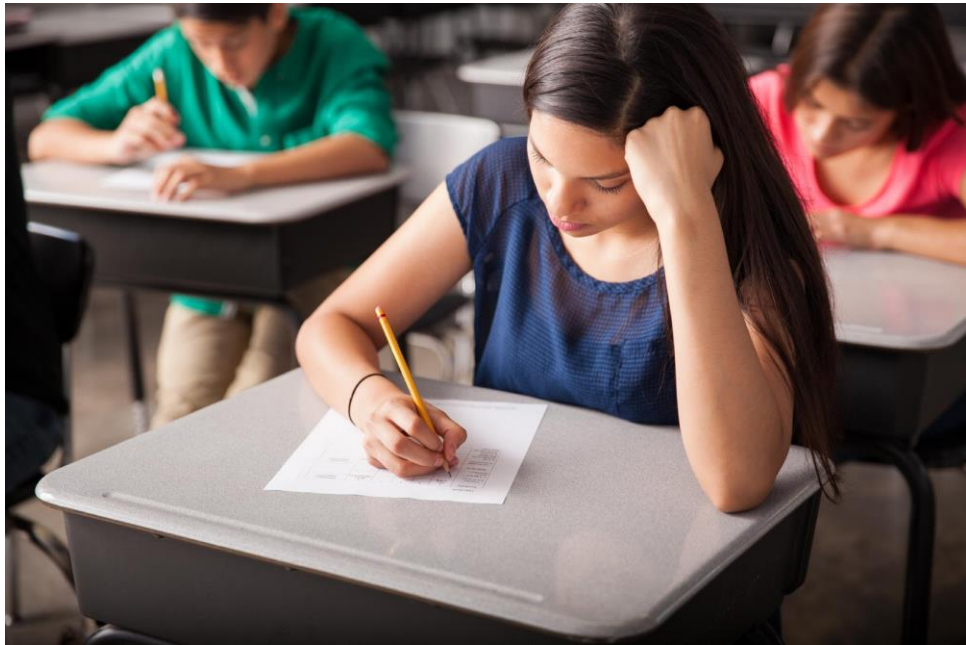
MODULE  
**8.0**

GRADES  
**6-8**

## What Do You Need?

**Supplies Provided**  
[Worksheets](#)

**Materials Needed**  
Pencils and Smartphones 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](mailto:Info@STEMSports.com) to access the Assessment & Key.

# Engage

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

# Explore

Practice pitching, hitting and fielding the ball. Use the [worksheet](#) as a guide.



# Explain

Learn about the importance of Criteria and Constraints to effectively assess and solve problems.

## Engineering Design Process



# Elaborate



Review your video frame-by-frame to identify problems that can be improved in instant replay. Use the [worksheet](#) as a guide.

# Evaluate

Read about GamePlan technology and its effectiveness in the game of baseball. Use the [worksheet](#) as a guide.



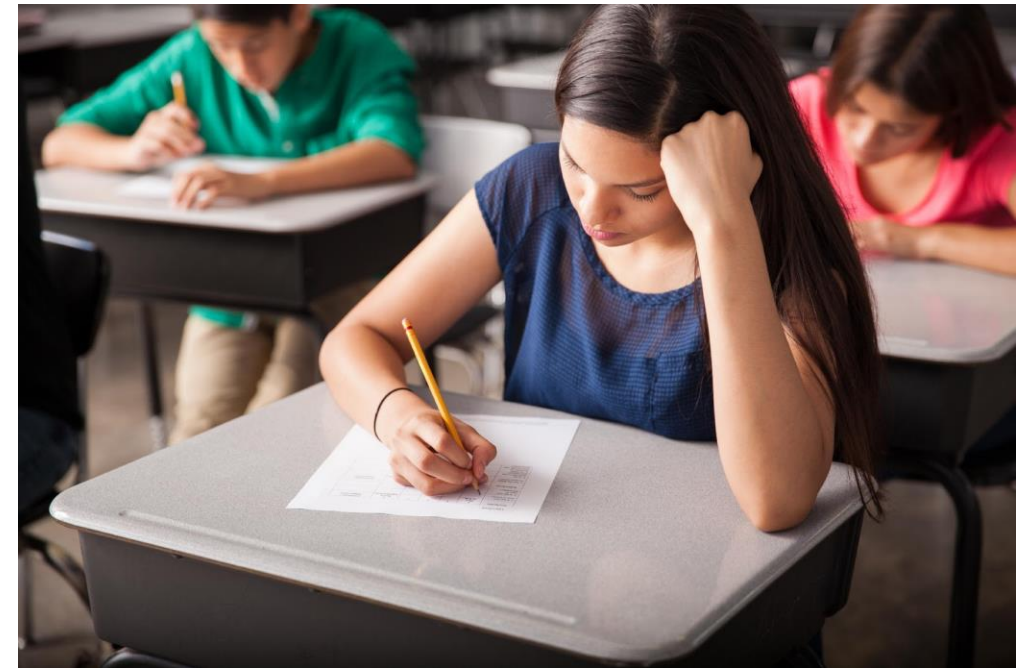




## What Did You Learn?

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**Extend**

## **Challenge Yourself!**

Compare and contrast GamePlan technology and Performance technology in a graphic organizer, such as a Venn diagram.



# What is your Dream Job?

## STEM Jobs in Sports

- Director of Broadcast Technology
- Team Videographer
- Sports Columnist
- Sports Photographer
- Internet – Sports Producer

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