



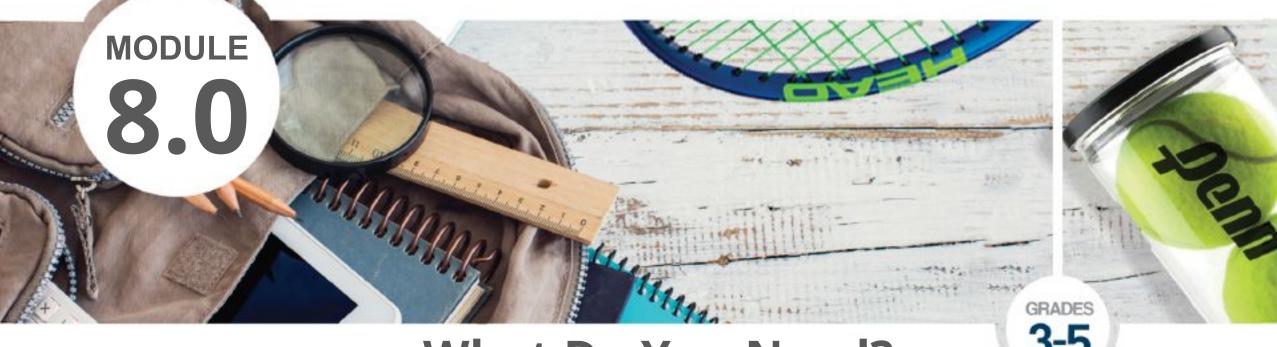
science • technology engineering • math • sports

> STEM Tennis Module 8.0

Advancements in Tennis

GRADES 3rd – 5th





What Do You Need?

Supplies Provided

<u>Worksheets</u>, Tennis Rackets, and Tennis Balls

Materials Needed Pencils and Smartphone or Tablet







Test Your Knowledge

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





Fun Fact

Did you know that if the ball hits a player's body or any part of their clothing before it lands, it is their opponent's point (even if it would have gone out)?





Is there a time you wish you had "instant replay"?





Perform a game of tennis in which you and your peers will determine if the ball is in or out and record your results on the <u>worksheet</u>.





Write down criteria and constraints of using technology in tennis, such as Hawk-Eye. Use the <u>worksheet</u> as a guide.





Watch the <u>video</u> on instant replay and add to your list of criteria and constraints of using replay technology.





Write a letter to the USTA based on your findings from the lesson. Use the <u>worksheet</u> as a guide.





What Did You Learn?

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







Challenge Yourself! Present your letter to your peers and include a Q & A session to support your claim.





What is your Dream Job?

STEM Jobs in Sports

- Director of Broadcast Technology
- Tennis Develop (IT) Data and Development
- Internet Sports Producer
- Team Photographer
- Tennis Commissioner





