

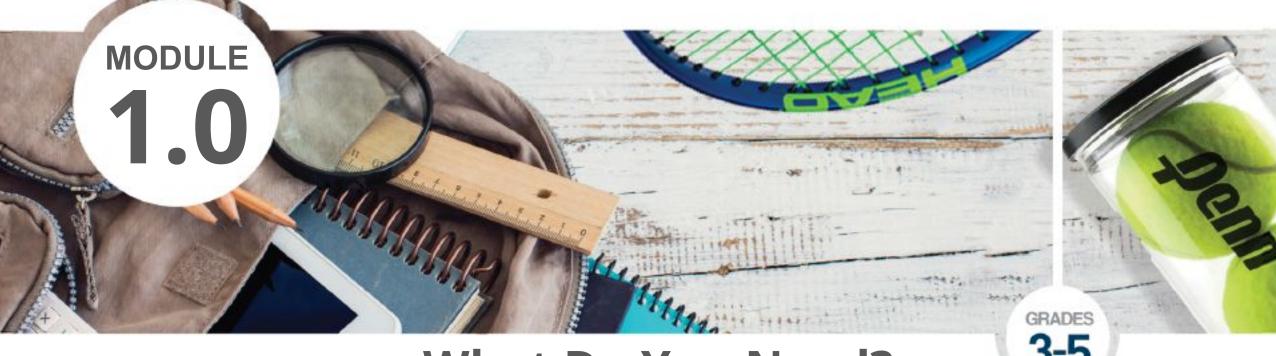


science • technology engineering • math • sports

STEM Tennis Module 1.0

The Game Evolved

GRADES 3rd – 5th



What Do You Need?

Supplies Provided

Worksheets, Tennis Rackets, and Tennis Balls

Materials Needed

Pencils, Various Sport Balls: Softball, Baseball, and Golf Ball: various items to hit the ball: Badminton, Racket, Ping Pong Paddle, Baseball/Softball Bat







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

Tennis players used the palm of their hands to hit the ball back and forth over the net before the tennis racket was introduced.





Discuss the traits of the racket and ball. How are these traits unique to the sport of tennis?







Read the article and watch the <u>video</u>.





Learn about key terms, such as Tennis Racket, Paddle, and Graphite. How has the availability of materials played a role in the evolution of the tennis racket and ball?





Using the <u>worksheet</u> as a guide, answer the questions from "The Game Evolved" article.





Based on your recorded data, reflect and evaluate the pros and cons of different combinations.





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.



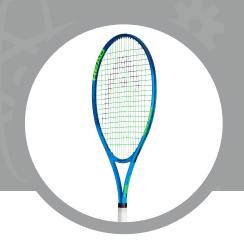




Challenge Yourself!

Engineer your own racket and compare it to a standard racket.





What is your Dream Job?

STEM Jobs in Sports

- Tennis Chair Umpire
- Tennis Racket Engineer
- Manager: Sports Equipment Store
- Physical Education Teacher
- Sports Equipment Coordinator



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