



STEM
sports[®]

science • technology
engineering • math • sports

STEM Tennis Module 1.0

The Game Evolved

GRADES 6th – 8th

Module 1.0

GRADES
6-8

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

The game of Tennis comes from the French term “tenez”, which means “take this”. Players would play the game, and shout “tenez” throughout!

Engage

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



Explore

Read the article and
watch the [video](#).

Explain

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?

Elaborate

Using the [worksheet](#) as a guide, answer the questions from “The Game Evolved” article.

Evaluate

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/>.

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Extend

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
- Sports Equipment Store Manager
- Physical Education Teacher
- Sports Equipment Coordinator

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