



**STEM**  
*sports*<sup>®</sup>

science • technology  
engineering • math • sports

## **STEM Tennis**

### Module 3.0

# The Playing Surfaces

**GRADES 3<sup>rd</sup> – 5<sup>th</sup>**



MODULE  
**3.0**



GRADES  
**3-5**

## What Do You Need?

**Supplies Provided**

[Worksheets](#)

**Materials Needed**

Outdoor Space



## 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.



## Fun Fact

Rafael Nadal has found great success on clay courts. With 13 French Open Title Wins, he is called the “King of Clay”.

# Engage

Go outside to roll and bounce the tennis ball on different surfaces.

# Explore

Using the [worksheet](#) as a guide, record some benefits and challenges of each surface.

# Explain

Learn about the most popular surfaces used in tennis.



## Elaborate

Learn about how the most popular playing surfaces can be significantly altered due to weather, including how this can impact play.



# Evaluate

Using the [worksheet](#) as a guide, how would you adapt your play?



## 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](mailto:Info@STEMSports.com) to access the Assessment & Key.



**Extend**

## **Challenge Yourself!**

Research and determine what court/surface your favorite tennis player prefers to play on.



# What is your Dream Job?

## STEM Jobs in Sports

- Tennis: Ball Boy/Girl
- Golf Course - Groundskeeper
- Tennis Court/Arena Architect
- Stadium/Arena: Quality Control Coordinator
- Event/Gameday Coordinator

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