VOLUME



science • technology engineering • math • sports

SOCCER

Module 6.1 Area of Shooting Spaces

GRADES 6th – 8th



What Do You Need?

Supplies Provided

Worksheets, Soccer Balls, Masking Tape, Tape Measures and Disc Cones **Materials Needed**

Pencils







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.





Is it easier to score a goal close or far away from the goal?





Try to score a goal with and without a goalie.







How does math play a role in shooting? Learn about the influence of a "shooting triangle" and its success rate.







Use the <u>worksheet</u> to conduct an experiment that tests the theory and effectiveness of the shooting triangle.





Based on your experiment, did the triangle influence your success? Use the worksheet.





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!

Use the *Pythagorean Theorem* to determine the unknown side of the triangle and area.





What is your Dream Job?

STEM Jobs in Sports

- Videographer
- Soccer Official
- Sports Statistical Analyst
- Technology Engineer
- Sports Information Director





To access Worksheet Keys, please visit <u>www.STEMSports.com/digitaltools</u>



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