VOLUME



science • technology engineering • math • sports

SOCCER

Module 8.1 Probability and Penalty Kicks

GRADES 3rd – 5th



What Do You Need?

Supplies Provided Worksheets, Soccer Balls and Tape Measures

Materials Needed Pencils and Calculators







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.





How many kicks are there in a shootout?









Test your shooting ability with a partner.





Understand how *greater than, less than,* and *fractions* play a significant role in soccer.





Predict your success, play and record your data on the <u>worksheet</u>.







Demonstrate your knowledge in math and soccer by writing a mathematical expression on the <u>worksheet</u>.





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!

Play again, predict again, and take your math a bit further by converting fractions to decimals.





What is your Dream Job?

STEM Jobs in Sports

- Referee
- Statistician
- Soccer Metrics Analyst
- Internet Sports Producer
- Sports Information Director





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



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