



science • technology engineering • math • sports

SOCCER

Module 4.1

Soccer Ball vs Futsal Ball Systems

GRADES 3rd – 5th



What Do You Need?

Supplies Provided

Worksheets, Soccer Balls, Futsal Balls, Tape Measures and Masking Tape

Materials Needed

Pencils and Images of Older Soccer Balls







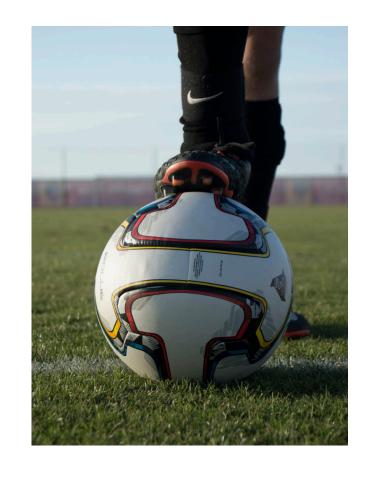
Test Your Knowledge

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.





What are some similarities and differences between a soccer ball and futsal ball? Record on the worksheet.







Using the worksheet, test each ball's behavior and record.





Learn about the materials and components of each ball to better understand how each behaves.





Use the worksheet and ball diagrams to record differences about each system.





Based on your data, which ball would you rather use and why? Use the worksheet.







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!

Based on images of older soccer balls, how has each ball changed?





What is your Dream Job?

STEM Jobs in Sports

- Equipment Designer
- Athletic Quality Control Coordinator
- Materials Scientist
- Event/Gameday Coordinator
- Ball Manufacturer





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



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