



STEM
sports[®]

science • technology
engineering • math • sports

SOCCER

Module 4.1

Soccer Ball vs Futsal Ball Systems

GRADES 3rd – 5th

MODULE
4.1

GRADES
3-5

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.

Engage

What are some similarities and differences between a soccer ball and futsal ball? Record on the [worksheet](#).



Explore

Using the [worksheet](#), test each ball's behavior and record.

Explain

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

Elaborate

Use the [worksheet](#) and ball diagrams to record differences about each system.

Evaluate

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.



Extend

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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