



STEM
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science • technology
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BASEBALL

Module 2.0

Composition of a Baseball

GRADES 3rd – 5th

MODULE

2.0

GRADES
3-5

What Do You Need?

Supplies Provided

Worksheets, Baseballs,
Cut Baseballs, Softball
and Tape Measures

Materials Needed

Pencils, Various Sport Balls:
tennis, golf, ping pong
Extend Only: Baseball Bat



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

How does a baseball
compare to other sport balls?

Explore

Observe and describe how each sport ball would function as a baseball. Use the [worksheet](#) as a guide.

Explain

Learn about the importance of Function and Properties and how these terms play a role in baseball.

Elaborate

Use the [worksheet](#) to better understand the materials and function of various sport balls.



Evaluate

Which properties and materials support a baseball's function?



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!

How would each ball type react if hit with a baseball bat? Conduct an experiment to support your findings.



What is your Dream Job?

STEM Jobs in Sports

- Ball Manufacturer
- Director of Baseball Operations
- Baseball Umpire
- Assistant Baseball Coach
- Equipment Manager

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