

STEM Sports*

science • technology engineering • math • sports

Multi-Sport Ball Edition Module 3.0

Is it a Ball or Strike?

GRADES 3rd – 5th



What Do You Need?

Supplies Provided

Worksheets, Softballs and Radar Gun

Materials Needed

Pencils and Softball and Baseball Gloves







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.





Fun Fact

Unlike baseball, a softball pitcher can pitch multiple games in a row





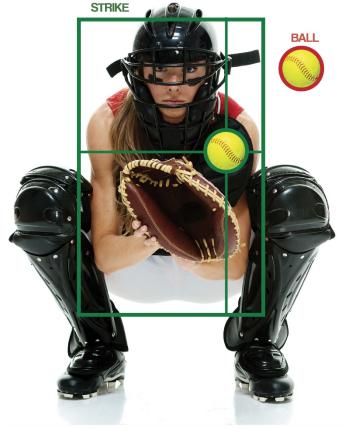
Predict: Is it easier to throw a strike or a ball?





Test your prediction with partner. Use the worksheet as a guide

Strike Zone







Learn about Energy and Speed and how it plays a role in softball.





Repeat your experiment using a radar gun to measure the speed of each pitch. Use the worksheet as a guide.





Using the <u>worksheet</u>, write a mathematical expression putting each pitch type in order. How is your pitching accuracy?





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 your experimental data, convert to fractions or division to find your % of strikes to balls.





What is your Dream Job?

STEM Jobs in Sports

- Softball & Baseball Umpire
- Sports Information Director
- Scoreboard Operator
- Pitching Coach
- Radar Engineer



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