

STEM *sports*[®]

science • technology
engineering • math • sports

MULTI-SPORT

Module 8.2

Shot Tracking with Technology

GRADES 6th – 8th



MODULE
8.2

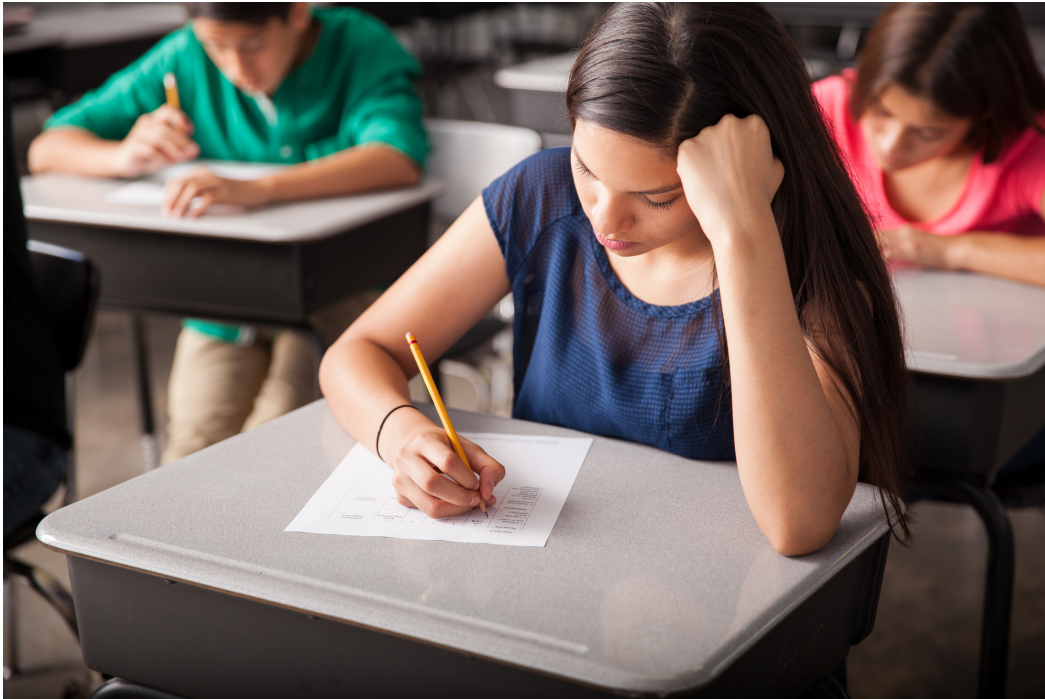
GRADES
6-8

What Do You Need?

Supplies Provided
[Worksheets](#) and Basketballs

Materials Needed

Internet Access, iPhone 6S or later,
iPad 6th generation or later, or
iPad Pro 2016, HomeCourt App
(free) and Pencils



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

Is an NBA player's salary based on performance and/or their statistics?



Explore

Track your statistics with and without
the support of technology.

Explain

Calculate your statistics with and without the support of technology. Use the [worksheet](#).

Elaborate

Convert your data to probabilities and graph.
How does it compare to your classmates?

Evaluate

Based on the graph, who would be the highest paid player? 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!

Research and compare and contrast the statistical value of a player against their wages. Are they a valuable member of their team?



What is your Dream Job?

STEM Jobs in Sports

- Assistant Coach
- Videographer
- Bioinformation Statistician
- Computer/Application Coder (App)
- Broadcasting Engineer



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

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