



STEM
sports[®]

BASKETBALL

Module 2.0

Shot Tracking with Technology

Special Teams Players



A top-down view of school supplies including a brown leather bag, a calculator, pencils, a magnifying glass, a ruler, and spiral notebooks, next to a pair of yellow and white sneakers on a wooden surface.

2.0



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

Engage

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

Explore

How valuable are you to your team? Track your statistics with and without the support of technology. Use the worksheet.

Explain

Calculate your statistics with and without the support of technology. Use the worksheet.

Elaborate

Convert your data to probabilities and graph. Use the worksheet.

Evaluate

Based on the graph, who would be the highest paid player? Use the worksheet.



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

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