



**STEM**  
*sports*<sup>®</sup>

science • technology  
engineering • math • sports

## FOOTBALL

### Module 6.1

## Extra Point vs Two-Point Conversion Success

GRADES 6<sup>th</sup> – 8<sup>th</sup>



MODULE  
**6.1**



GRADES  
**6-8**

## What Do You Need?

### Supplies Provided

[Worksheets](#)

### Materials Needed

Blank Paper (squares) 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](mailto:Info@STEMSports.com) to access the Assessment & Key.

# Engage

Would you rather have a low chance to get more or a high chance of getting less?

# Explore

Test your accuracy by making a paper (fold-able) football and kicking it through the goal post. Use the [worksheet](#)

# Explain

Learn about *probability* and how to use it to predict the chance of an outcome.

## Elaborate

Use the [worksheet](#) to calculate your experimental data and pro football data.

# Evaluate

Based on your knowledge of probability, make a claim about the probabilities of a PAT (point after touchdown) and two-point conversion. Use the [worksheet](#).







## What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting:

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**Extend**

## **Challenge Yourself!**

Use proportions to create another scale model.



# What is your Dream Job?

## STEM Jobs in Sports

- Offensive Coordinator
- Head Coach
- Sport Analyst
- Statistician
- Scorekeeper



To access Worksheet Keys, please visit [www.STEMSports.com/digitaltools](http://www.STEMSports.com/digitaltools)

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