VOLUME 2





FOOTBALL

Module 2.1

Technological Advancements and Improved Quarterback Play

GRADES 6th – 8th



What Do You Need?

Supplies Provided

Worksheets, Youth Footballs and Receiver Gloves

Materials Needed

Pencils



(rr)



Test Your Knowledge

Have your students take this lesson's assessment prior to engaging by visiting: <u>https://stemsports.com/assessments/</u>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.





Watch the <u>video</u>. What technology do you think could limit fumbles and interceptions in the game?





How well can you handle the football with and without a receiver's glove? Use the <u>worksheet</u>.







Learn how to calculate *probability* to better understand your rate of success.





When was glove technology mainstream in the game of football? Use the <u>worksheet</u>.





Based on your findings, do gloves help or hurt your game? Use the <u>worksheet</u>.





What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting: <u>https://stemsports.com/assessments/</u>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.







Challenge Yourself!

Review an <u>NFL data set</u> and graph to complete a more in-depth analysis.







What is your Dream Job?

STEM Jobs in Sports

- Quarterback Coach
- Product Development Scientist
- Materials Chemist
- Sports Metric Analyst
- Market Researcher





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



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