



science • technology engineering • math • sports

Lacrosse Module 7.0

Headgear

GRADES 3rd - 5th



What Do You . Need?

Supplies Provided

Worksheets, Prototyping Materials: Straws and Fishing Line

Materials Needed

Pencils and Prototyping Materials: Styrofoam and Cardboard







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.





Have ever worn a helmet during play, such as riding a bike or roller blading?



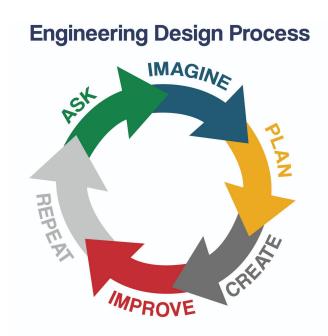




Watch a <u>video</u> on how a lacrosse helmet is designed and constructed.







Learn how the Engineering Design Process can be used to design a lacrosse helmet.





Using the <u>worksheet</u>, design a low-tech version of a lacrosse helmet.





Present your design to the class using evidence to support that it is successful.





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!

Have an open design challenge with classmates. Use data to redesign and justify your design changes in writing.





What is your Dream Job?

STEM Jobs in Sports

- Lacrosse: Team Manager
- Vice President of USA Lacrosse
- Athletic Quality Control Coordinator
- Lacrosse: Glove Engineer
- Athletic Shoe Designer



Want to continue the education? Visit us at https://stemsports.com/ OR Tag us @stemsportsusa















STEMSportsUSA

@STEMSportsUSA

STEMSportsUSA

STEMSportsUSA/pins @STEMSportsUSA

STEM Sports

