

STEM
sports[®]

science • technology
engineering • math • sports

Lacrosse
Module 1.0
The Lacrosse Stick

GRADES 6th – 8th



MODULE
1.0

GRADES
6-8

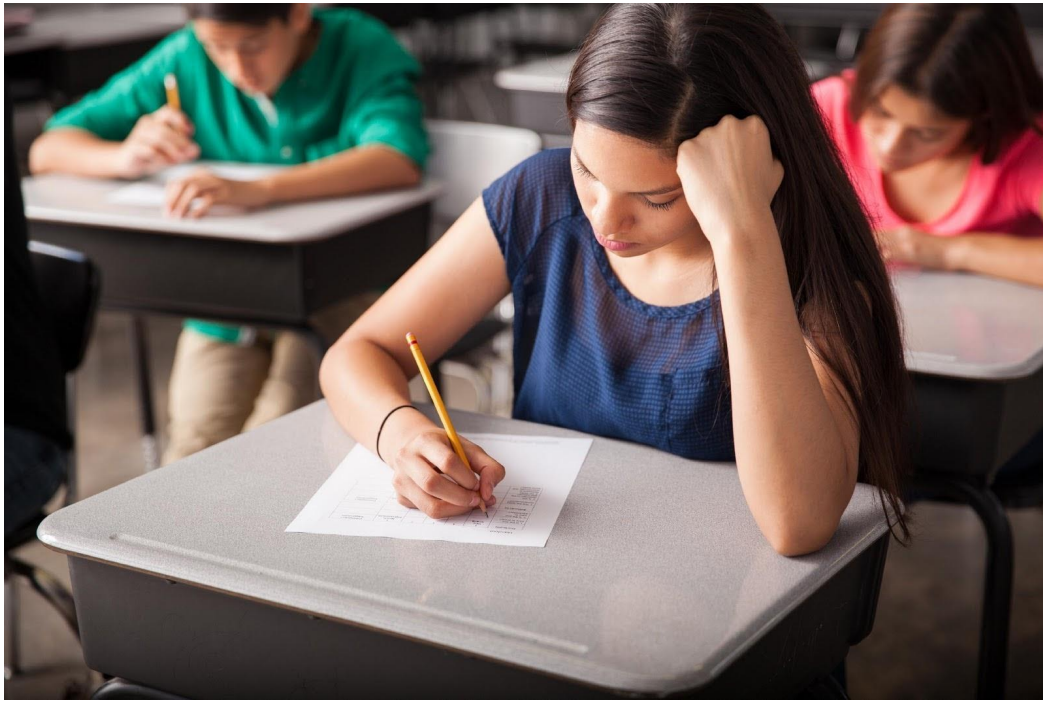
What Do You Need?

Supplies Provided

[Worksheets](#), Lacrosse Sticks,
Lacrosse Balls, Cut Lacrosse
Ball Sample, and Article

Materials Needed

Pencils and Sport Balls:
golf, ping pong, and tennis



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

How does a lacrosse stick share certain characteristics with other sports?



Explore

Use the article and video as a guide to learn about development of the lacrosse shaft and head.

Explain

Learn about key terms, such as Technology, Criteria, Constraints, and Engineering, and how each plays an important role in the design and development of a lacrosse stick.

Elaborate

Using the [worksheet](#) as an experimental guide, test the functionality of the lacrosse stick by using different sport balls.



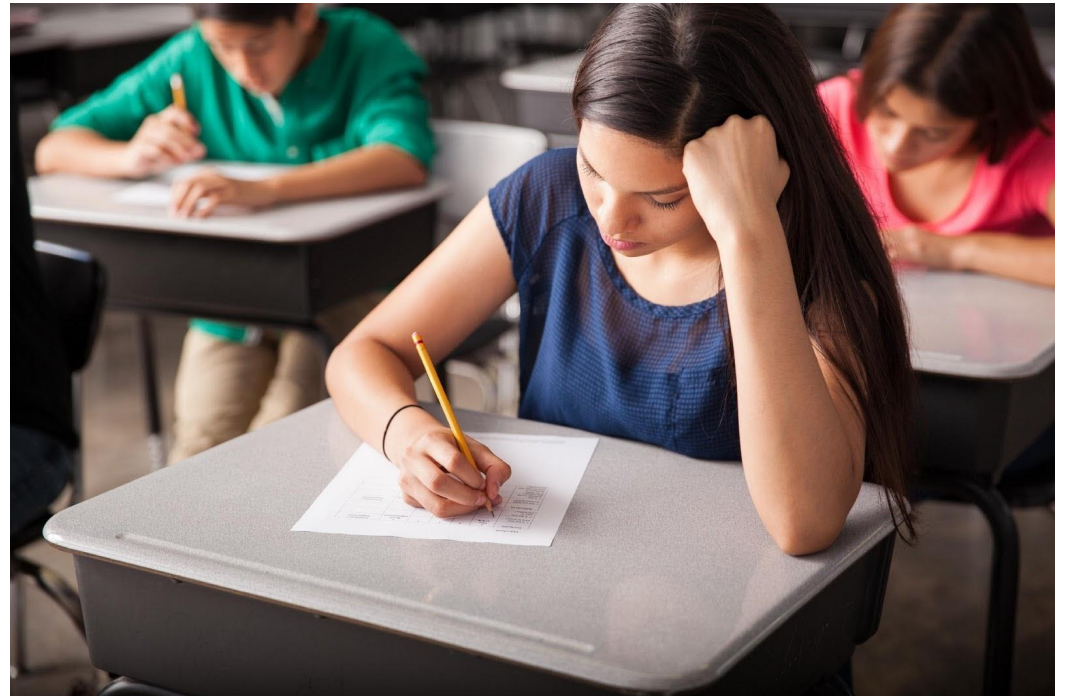
Evaluate

Based on your findings, how and why does a lacrosse stick behave differently when attempting to catch a different sport balls? Use the [worksheet](#) as a guide.



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!

Create a detailed timeline using information from the lesson's article and your own research.



What is your Dream Job?

STEM Jobs in Sports

- Sports Official
- Ball Engineer
- Lacrosse: Product Development Specialist
- High School: Head Lacrosse Coach
- Sports Equipment Coordinator

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