

STEM
sports[®]

science • technology
engineering • math • sports

Lacrosse
Module 4.0
Area of Shooting Spaces

GRADES 6th – 8th

MODULE
4.0

GRADES
6-8

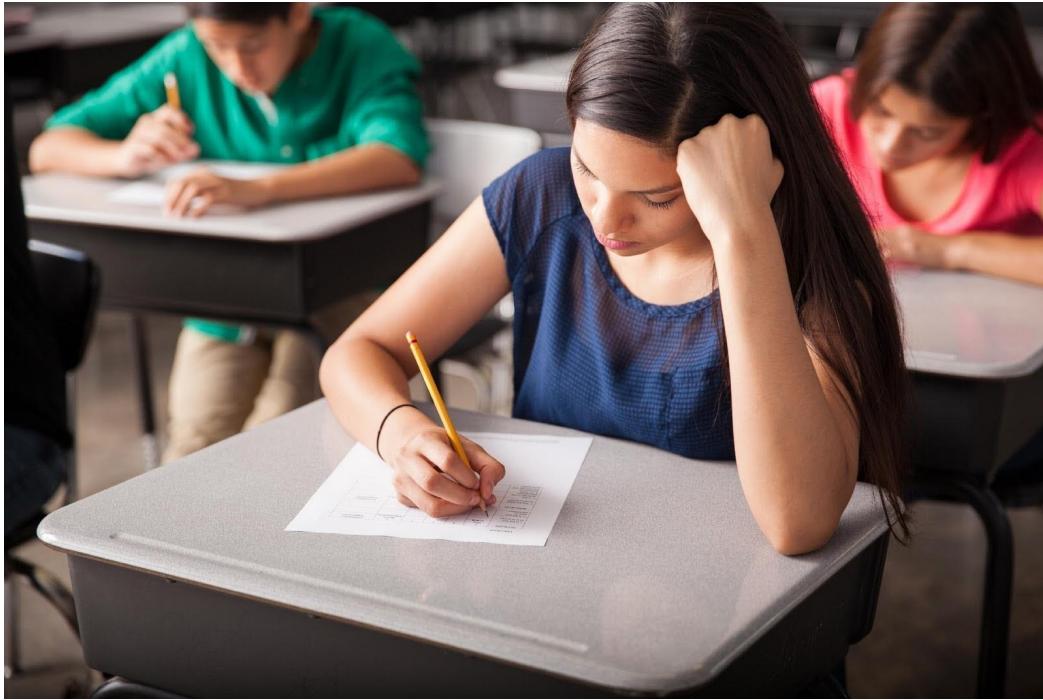
What Do You Need?

Supplies Provided

[Worksheets](#), Lacrosse Balls,
Lacrosse Sticks, Masking Tape,
Tape Measures, and Disc Cones

Materials Needed

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 to access the Assessment & Key.

Engage

Is it easier to score when you are close or far away from the goal?

Explore

Create a mini goal and
test your lacrosse skills.

Explain

Find the area of a triangle and how this area can influence the success rate of your goals.

$$A = \frac{1}{2} B \times H$$

Elaborate

Using the [worksheet](#) as a guide, create an outline of your shooting triangle.

Evaluate

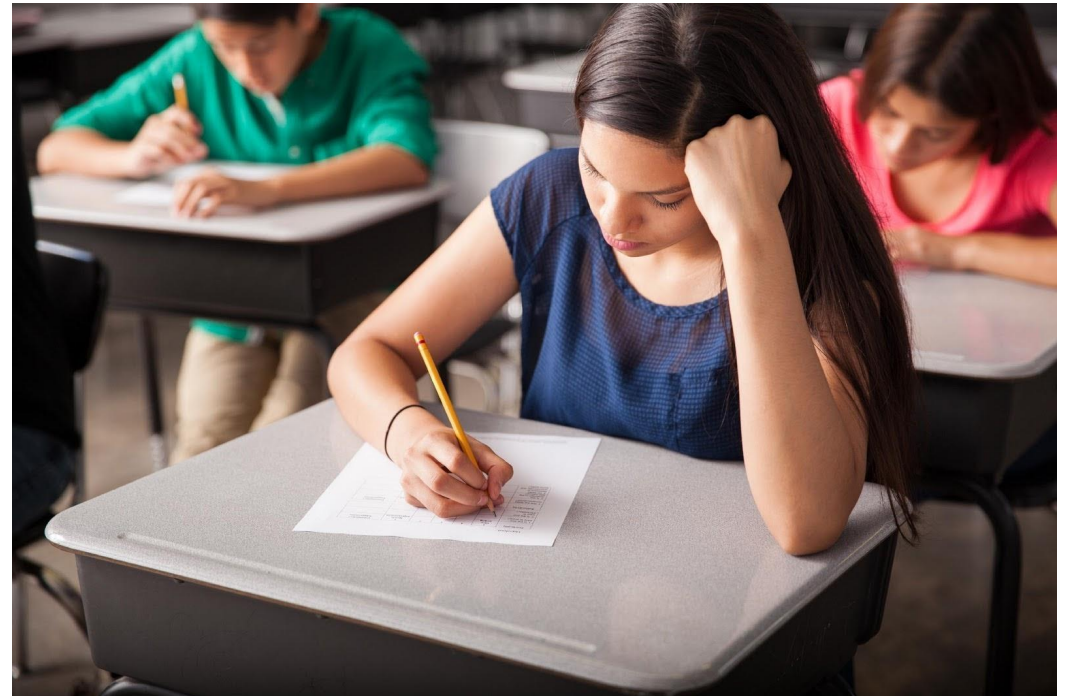
Where were you most successful? Using the [worksheet](#) as a guide, make a claim about how the area of a shooting triangle influences your shots.





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!

Use the Pythagorean Theorem to determine the unknown side of a shooting triangle, then determine the area.



What is your Dream Job?

STEM Jobs in Sports

- Sports Statistical Analyst
- Volleyball Referee
- Soccer: Lines Judge
- High School: Trigonometry Teacher and Assistant Lacrosse Coach
- Performance Coach

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