

STEM
sports®

science • technology
engineering • math • sports

STEM Hockey

Module 7.0

Skating in the Zone

GRADES 6th – 8th



Module 7.0

GRADES
6-8

What Do You Need?

Supplies Provided

[Worksheets](#), Floor Hockey Sticks, Floor Hockey Pucks, 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.



Fun Fact

To provide the goalie with better balance and to make it easier to move side-to-side, skate blades worn by a goalie in ice hockey are shorter than those worn by the other players.

Engage

Where is the easiest place to score a goal in hockey?

What type of shot is the easiest to score with?

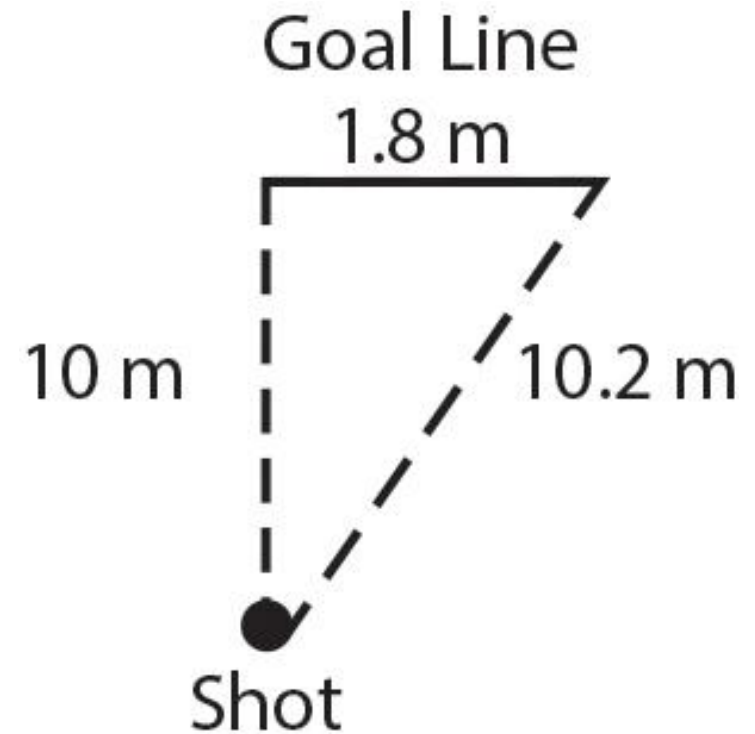


Explore

Split students into groups, find (or make) a goal and then determine four locations they want to shoot from.

Explain

Model for students
how to find the area of
their shooting triangle.



Elaborate

Using the [worksheet](#) as a guide, record the dimensions of your shooting triangles and the results of each shot.

Evaluate

Using the [worksheet](#) as a guide,
sketch each shooting triangle.



What Did You Learn?

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

<https://stemsports.com/assessments/>.

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Extend

Challenge Yourself!

Make a claim between the size of the shooting triangle and the number of goals scored.



What is your Dream Job?

STEM Jobs in Sports

- Gameday Statistician
- Health and Fitness Coach
- Statistics Professor
- Nutritionist
- Speed Skating Trainer

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