

STEM
sports®

science • technology
engineering • math • sports

STEM Hockey

Module 5.0

Puck Precision

GRADES 6th – 8th



Module 5.0

GRADES
6-8

What Do You Need?

Supplies Provided

[Worksheets](#), Floor Hockey Sticks, Floor Hockey Pucks, and Masking Tape

Materials Needed

Pencils and Calculators



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

The most goals scored in a single game was by the Montreal Canadians in 1920 with 16 goals against the Quebec Bulldogs.

Engage

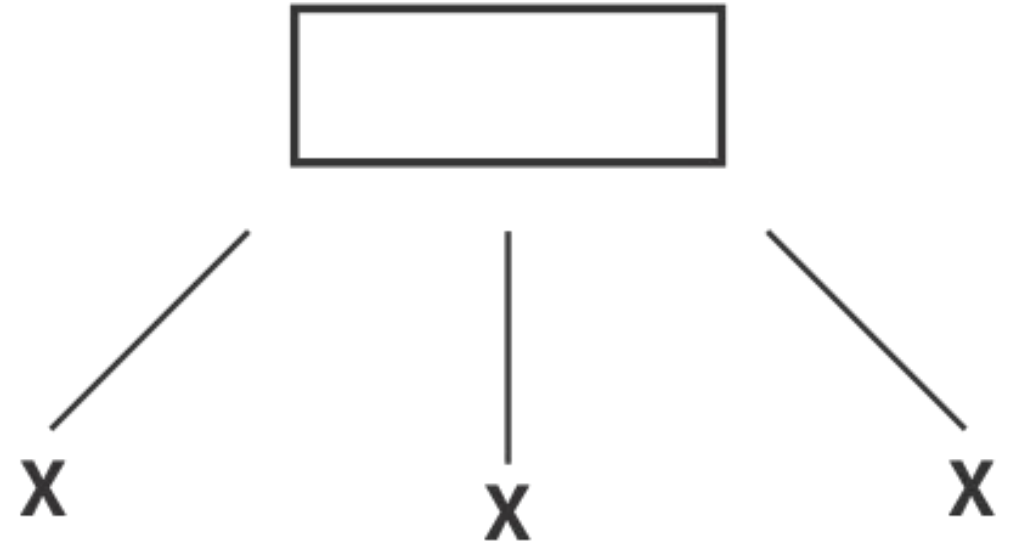
What is the probability of you scoring
on an open net from 10 feet away?
What about 20 feet away?



Explore

Create a rectangular outline of a goal that is 4 feet high and 6 feet wide.

Mark three different shooting spots from 10 feet away.



Explain

Review the key term:
Probability.

Is it possible to have a
0% probability of scoring a goal?

Is it possible to have a
100% chance of scoring a goal?

Elaborate

Using the [worksheet](#) as a guide, take 5 forehand shots from each shooting spot and record your results.

Evaluate

Move your shooting spots to 15 feet away.
Using the [worksheet](#) as a guide
and record your results.



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!

Repeat the process from *Elaborate* and *Evaluate* but this time taking a slapshot.



What is your Dream Job?

STEM Jobs in Sports

- Hockey Scorekeeper
- Team Account Manager
- Hockey Tracking Operator
- Hockey Sports Trader
- PA (Public Address) Announcer

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