

STEM
sports[®]

science • technology
engineering • math • sports

STEM Hockey

Module 4.0

Playing on Ice

GRADES 3rd – 5th



Module
4.0

GRADES
3-5

What Do You Need?

Supplies Provided

[Worksheets](#)

Materials Needed

Pencils

Extend Only: Ice Rink/Platform



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.

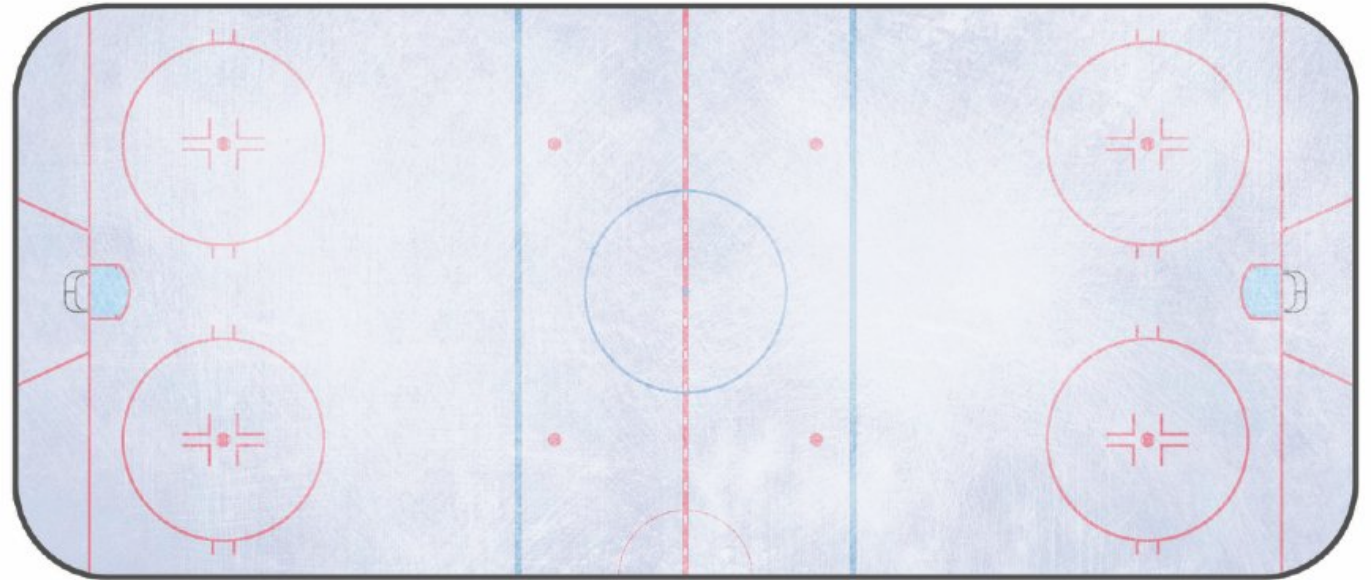


Fun Fact

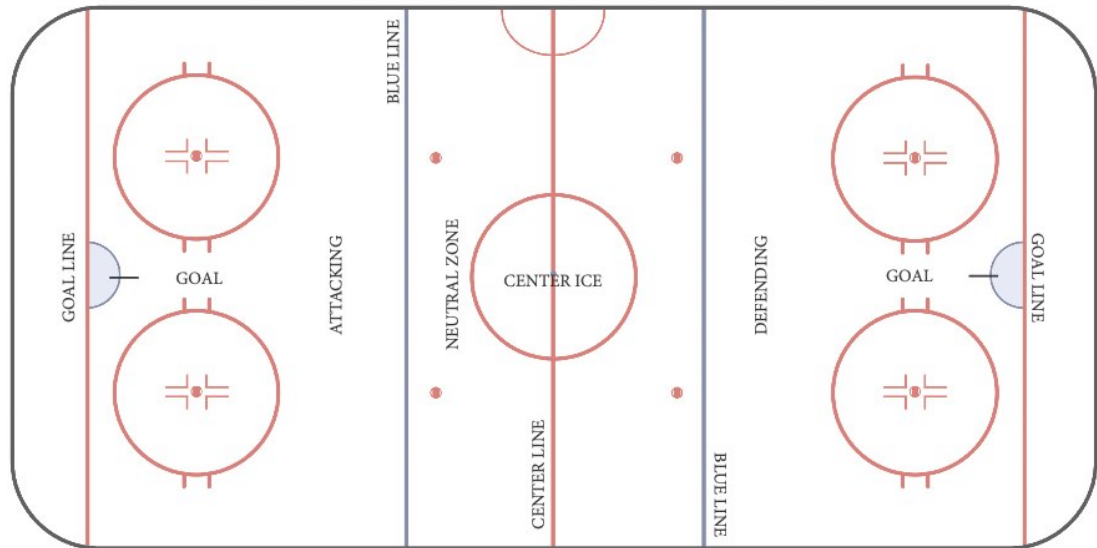
Ice hockey was invented in the late 19th century in Montreal, Quebec, Canada, when a group of students decided to play field hockey on an ice rink using a piece of wood instead of a ball.

Engage

What different lines and shapes are marked on the ice?



Explore



Discuss the different ice markings. Using the [worksheet](#) as a guide and connect the ice marking to the corresponding rule.

Explain

Learn about key terms: Acute Angle, Obtuse Angle, Right Angle, Perpendicular Lines, Parallel Lines, Line of Symmetry, and Coordinate Plane System. Using the [worksheet](#) as a guide, find the different relationships on the ice rink.

Elaborate

Model for students how to graph the coordinate (2, 3).

Evaluate

Using the [worksheet](#) as a guide,
graph the coordinate points
on the ice rink.



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!

Skate to the different ice markings mentioned in this module.



What is your Dream Job?

STEM Jobs in Sports

- Ice Painter
- Arena - Light Technician
- Stadium - Director of Building Operations
- Arena Architect
- NHL Team : Director of Strategy and Analytics

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