VOLUME
1

STEM sports®

science • technology
engineering • math • sports

Multi-Sport Net Edition

Module 2.0

Playing on Ice

GRADES 3rd – 5th

What Do You Need?

Supplies Provided

[Worksheets]

Materials Needed

Pencils

Extend Only: Ice Rink/Platform

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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.

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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.

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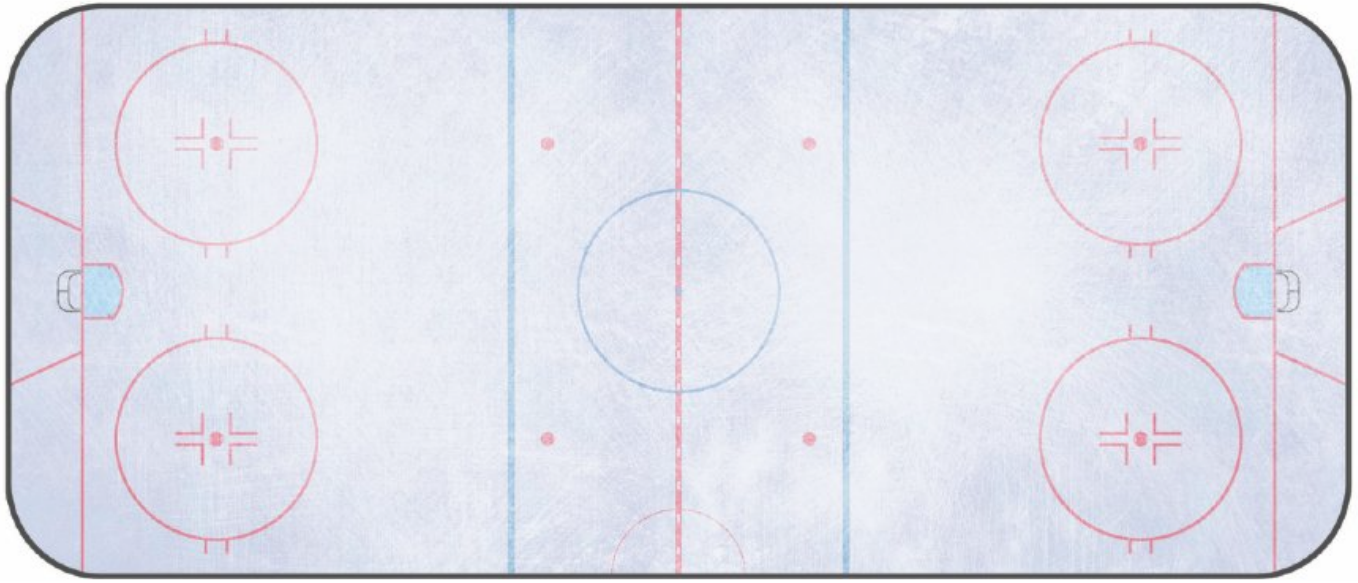
Engage

What different lines and shapes are marked on the ice?



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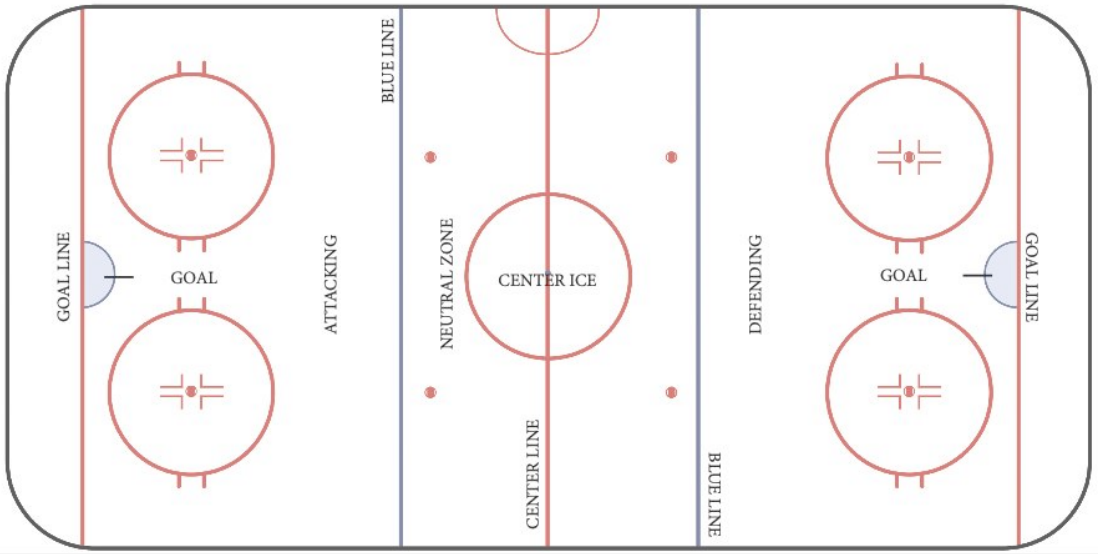
Explore



Discuss the different ice markings.

Use the worksheet as a guide and connect the ice marking to the corresponding rule.

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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.

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Elaborate

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

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Evaluate

Using the worksheet as a guide, graph the coordinate points on the ice rink.

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What Did You Learn?

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Extend

Challenge Yourself!

Skate to the different ice markings mentioned in this module.

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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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