



STEM
sports[®]

science • technology
engineering • math • sports

STEM Hockey

Module 1.0

The Puck & Stick

GRADES 3rd – 5th



Module
1.0

GRADES
3-5

What Do You Need?

Supplies Provided

[Worksheets](#), Hockey Puck, Cut Hockey Puck, Floor Hockey Sticks, and Floor Hockey Pucks

Materials Needed

Pencils and Various Sport Balls: tennis, baseball, softball, golf, and ping pong



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

Former NHL (National Hockey League) player, Steve Hull, retained his position as the league's top scorer for seven straight seasons by using a hockey stick with an unusual curve that caused the puck to behave unpredictably.

The NHL eventually banned the use of a stick with such a pronounced curve from league play.

Engage

Discuss the traits of the hockey puck and stick. How do they compare to other sport balls and sticks?



Explore

Using the [worksheet](#) as a guide, describe each ball and stick, then hypothesize how each ball and stick would function in a hockey game.

Explain

Learn about key the term:
Function and Properties.
Reference these [videos](#).

Elaborate

Using the [worksheet](#) as a guide, record observations of each ball and stick combination.

Evaluate

Which properties and materials support a hockey puck and stick's function?



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!

Conduct an experiment using different ball and stick combinations to pass and shoot.



What is your Dream Job?

STEM Jobs in Sports

- Hockey Official
- Hockey: Equipment Manufacturer
- Assistant Hockey Coach
- Hockey Operations Coordinator
- Director of USA Junior Hockey Leagues

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