**Future Goals - Hockey Scholar™** brings science, technology, engineering, and math (STEM) concepts to life using the exciting, fast-paced game of hockey. Through immersive real-life simulations, students build their understanding of fundamental STEM concepts, such as geometric constructions, energy, and forces.

In **Hockey Scholar**, each module is designed to build students' scientific thinking and problem solving skills. As students progress through a module, they parallel the steps of a science investigation.

As a teacher, you receive:
- Real-time student score reports on your teacher dashboard
- Supplemental, offline lesson plans
- Detailed standards alignment guide with your state-specific standards
- Answer Keys for all assessments
- Engaging discussion guides

Your students will receive:
- Engaging animations providing explicit direct instruction on new topics
- Guided practice activities that reinforce financial knowledge and skills
- Engaging, performance-based games
- Immersive, interactive learning experience

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**Optimizing Material for Goalie Leg Pads Criteria**

**Pre-Survey** (10 mins)

**Post-Survey** (10 mins)

**Intro Video** (2 mins)

**Prediction/Pre-Assessment** (2 mins)

**Experiment** (5 mins)

**Analysis** (5 mins)

**Conclusion/Post Assessment** (5 mins)

**Learn more about EverFi and Future Goals at futuregoals.nhl.com**
Hockey Scholar Course Elements

Pedagogy based on the Universal Design for Learning (UDL) and Teach for Understanding (TFU) frameworks:

- Engaging multi-media content for all types of learners
- Pre, post, and formative assessments for evidence-based learning
- Certificate-based skill development

Select Course Modules

*Exploring Angles and Reflection* - The right angle makes all the difference between victory and defeat. Every bank pass is a lesson in the law of reflection. In this module, students measure each angle of their pass to complete the play.

*Understanding Applied And Frictional Force* - Forces are at work when players shoot, pass, skate, and even stand still. Students investigate how applied and frictional forces interact in hockey to successfully shoot the puck.

*Geometric Constructions On Ice* - Geometry exists everywhere, even on a hockey rink. In this module, students must use their understanding of geometry and the coordinate plane to correctly place the points, line segments, and circles on the hockey rink.

For more information about the Future Goals - Hockey Scholar Program, please visit futuregoals.nhl.com

Course Module Topic Areas:

- Using Design Criteria
- Calculating Area
- Phases of Matter & Temperature
- Coordinate Planes
- Graphical Analysis
- Experimental Variables
- Calculating Speed & Averages
- Kinetic & Potential Energy
- Body Systems
- Measuring Angles
- Types of Forces

Understanding Angles To Complete A Bank Pass

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