



STEM *sports*®

GOLF

Module 3.0

Engineer a Hole-in-One

Special Teams Players





What Do You Need?

Supplies Provided

Worksheets, PGA Tour Tee-Up supplies: Flagsticks, Targets, Balls, Putters, and Irons

Materials Needed

Paper Towel Rolls, Empty Cereal Boxes and Pieces of Cardboard (used to build their design)

Engage

How can you make sure the ball always goes in the hole?



Explore

Test your putting skills!
Can you get the ball in
the hole with one try?

Explain

Learn about the “Engineering Design Process” and how engineers use it to solve problems. Use the worksheet.



Elaborate

Share your ideas with classmates.

Evaluate

Based on your findings, can
you design a hole-in-one?
Use the worksheet.





Extend

Challenge Yourself!

Compare your design with a classmate to identify strengths and weaknesses.



What is your Dream Job?

STEM Jobs in Sports

- Golf Course Architect
- Civil Engineer
- Designer
- Sports Equipment Manufacturer
- Golf Course Manager

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