

STEM
sports[®]

science • technology
engineering • math • sports

GOLF

Module 2.0

Force of a Golf Swing

GRADES 6th – 8th



MODULE

2.0

GRADES
6-8

What Do You Supplies Provided Need? Materials Needed

Worksheets, Tape
Measures, Digital
Stopwatches, ShortGolf®
Products: hitta!, ballz! And
mini-stikka!

Pencils, Calculators and
Chart Paper

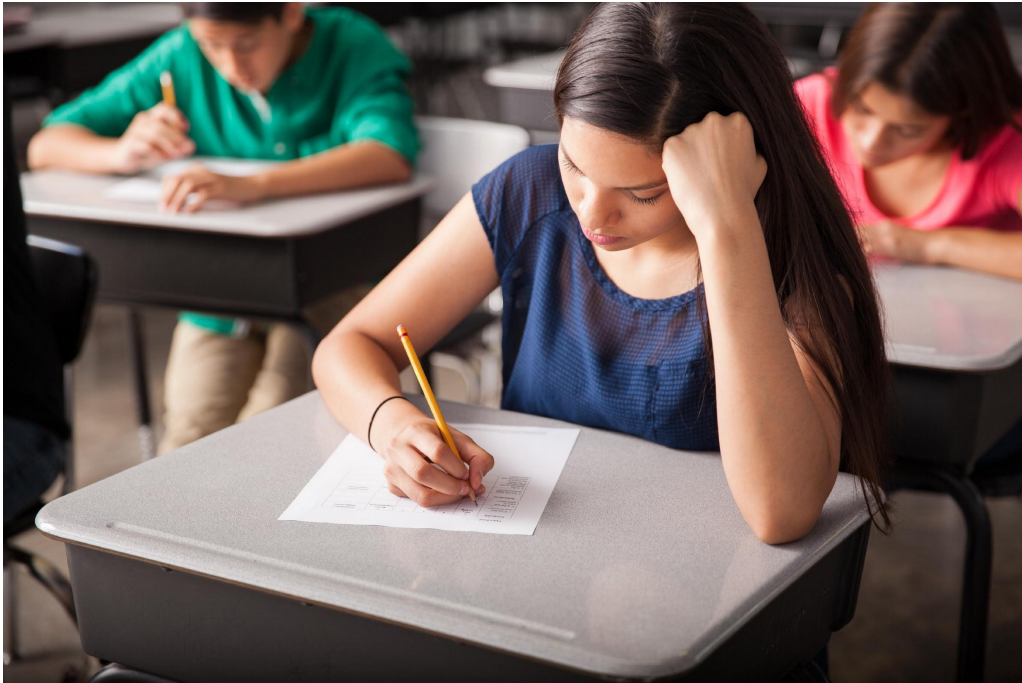


Test Your Knowledge

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.



Engage

How far can you hit a
golf ball? Use the
[worksheet](#).

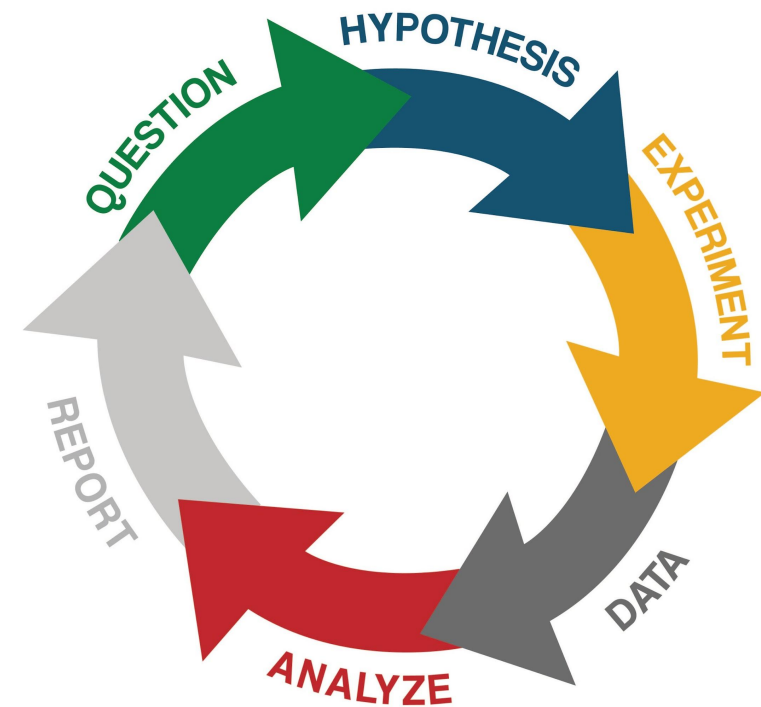
Explore

Is there a change you could make to hit the ball further?
Use the [worksheet](#) for support.

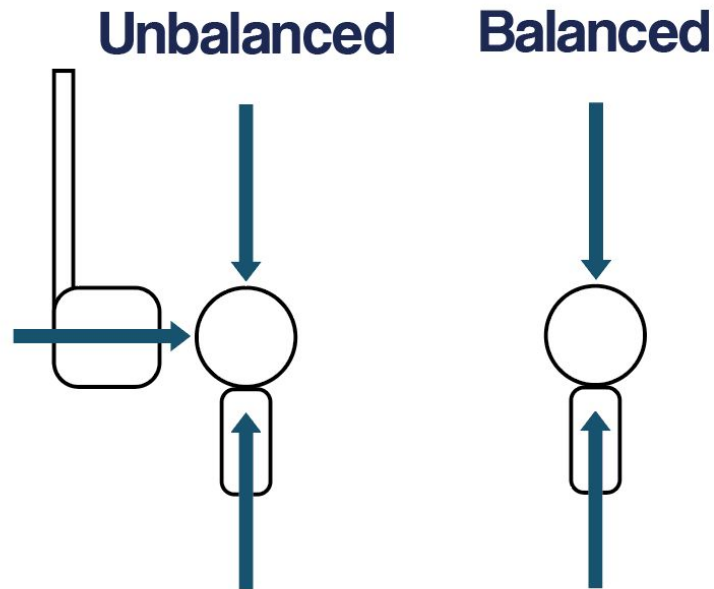
Explain

Review the steps of the *Scientific Method* and how it applies to the game of golf, as well as Newton's 2nd Law.

Scientific Method



Elaborate



Conduct a controlled experiment that changes the forces acting on the ball. Use the [worksheet](#).

Evaluate

Present your findings to classmates. Did you apply distance or use Newton's 2nd Law?



What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting: <https://stemsports.com/assessments/>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.



Extend

Challenge Yourself!

Conduct an experiment to test multiple variables.



What is your Dream Job?

STEM Jobs in Sports

- Sports Metric Analyst
- Adaptive Sports Equipment Coordinator
- Golf Swing Coach
- Sports Physicist
- Pilates Instructor

Want to continue the
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