

**STEM**  
*sports*<sup>®</sup>

science • technology  
engineering • math • sports

## Multi-Sport Ball Edition

### Module 5.0

# What is a Golf Ball?

GRADES 3<sup>rd</sup> – 5<sup>th</sup>



MODULE

5.0

GRADES  
3-5

## What Do You Need?

### Supplies Provided

Worksheets, Golf Balls,  
ShortGolf® Products: puttr!,  
hitta!, ballz! and mini-stikka

### Materials Needed

Pencils, Various Sports Balls:  
tennis, baseballs and ping pong  
balls

*Extend only: Different brands of golf  
balls*



## 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](mailto:Info@STEMSports.com) to access the Assessment & Key.



## **Fun Fact**

Golf balls use to be made from leather and chicken or goose feathers. One ball could cost between \$10 - \$20.

# Engage

How would a ball function for a sport it was not designed for?

# Explore

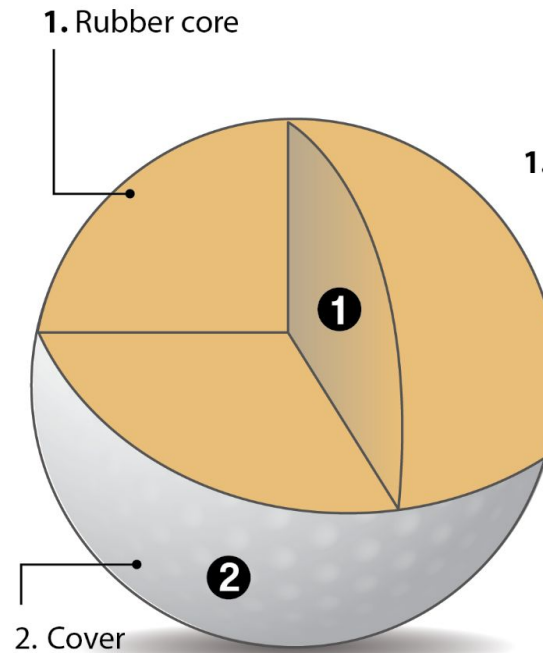
How would another sport ball function as a golf ball? Use the [worksheet](#) to support your efforts.



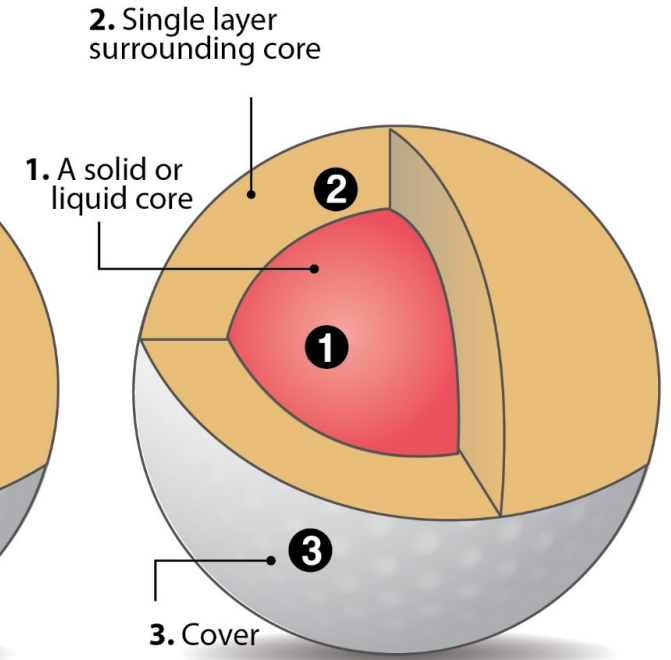
# Explain

Learn about the importance of detailed scientific observations to generate quality outcomes.

## 2-piece ball



## 3-piece ball



## Elaborate

Observe and record your observations. Use the [worksheet](#) to support your efforts.



# Evaluate

Based on your findings, what properties and materials support a golf ball's function? Use the [worksheet](#) for support.



## 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](mailto:Info@STEMSports.com) to access the Assessment & Key.



**Extend**

## **Challenge Yourself!**

Research different brands of golf balls and compare their functions.





# What is your Dream Job?

## STEM Jobs in Sports

- Golf: Materials Scientist
- Golf Ball Manufacturer
- Ball Engineer
- Risk Analytics Manager
- Product Manager

Want to continue the  
education?

Visit us at

<https://stemsports.com/>

OR



STEMSportsUSA



@STEMSportsUSA



STEMSportsUSA



STEMSportsUSA/pins



@STEMSportsUSA



STEM Sports