

STEM *sports*[®]

science • technology
engineering • math • sports

MULTI-SPORT

Module 4.1

Advancements In Shoe Technology

GRADES 3rd – 5th

What Do You Need?

Supplies Provided
[Worksheets](#)

Materials Needed
Student Shoes or
Sample Shoes and
Pencils



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

Discuss your favorite pair of shoes with a partner.



Explore

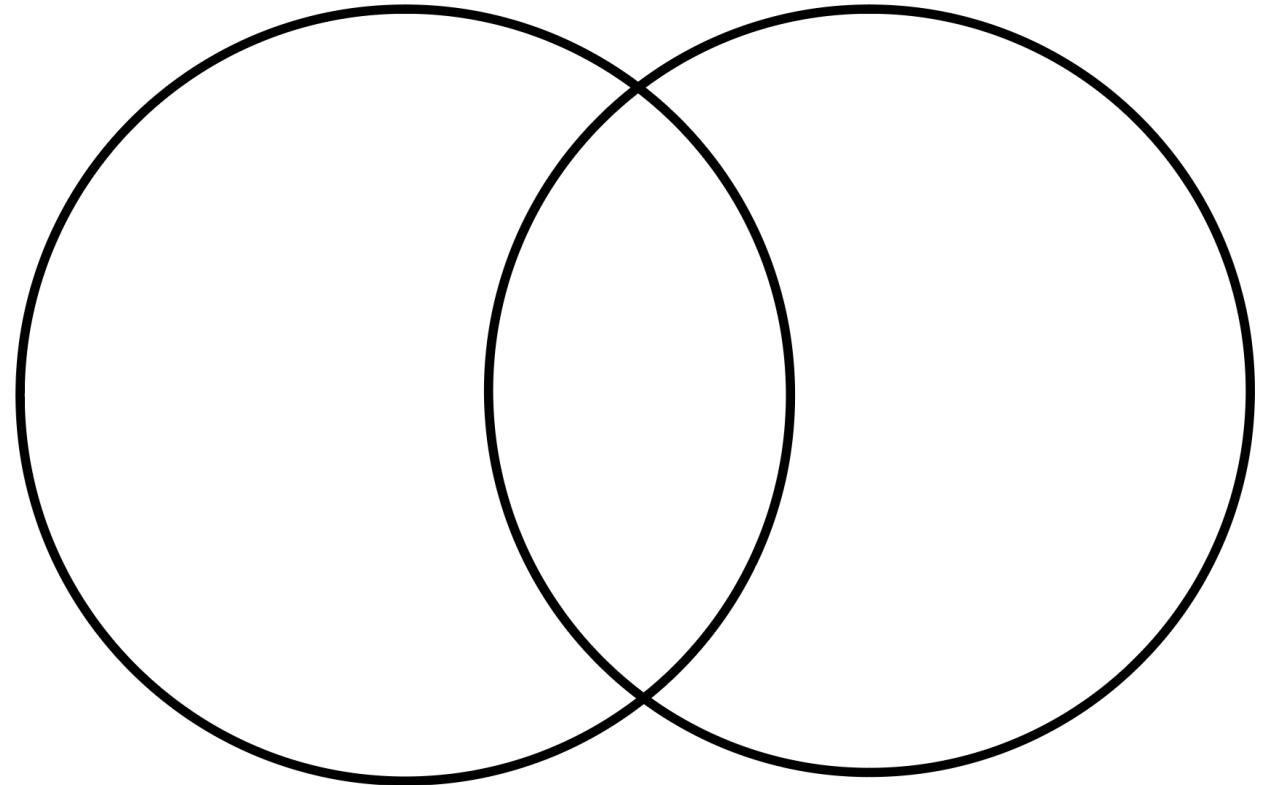
Observe your shoes. What do you notice? Use your senses.

Explain

Learn and discuss the difference
between an *Observation* and
Inference.

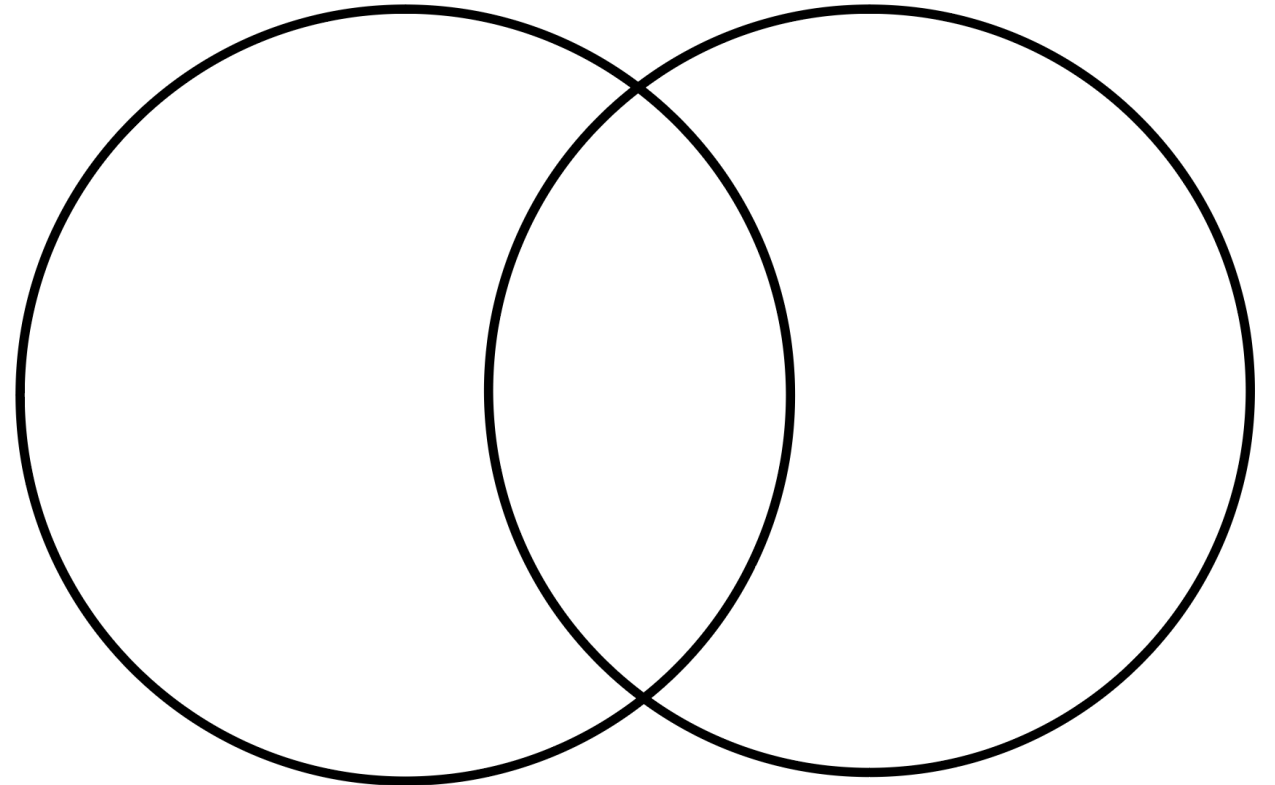
Elaborate

Demonstrate
Observations on the
[worksheet](#).



Evaluate

Demonstrate
Inferences on the
[worksheet](#).





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!

Design a pair of shoes based on what you have learned about technology.





What is your Dream Job?

STEM Jobs in Sports

- Team Orthopedic Doctor
- Equipment Manager
- Sales and Marketing Director
- Supply Chain Coordinator
- Team Merchandise Designer

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