



BASKETBALL

Module 5.0

Basketball Matters

GRADES K – 2nd



What Do You Need?

Supplies Provided

[Worksheets](#), Youth Outdoor Basketballs, Indoor and Outdoor Cut Ball Swatches, Latex Balloons and Calipers

Materials Needed

Pencils and other Sports Balls (tennis, golf, ping pong or baseball)

Engage

What is the difference
between a flat ball and an
inflated ball?

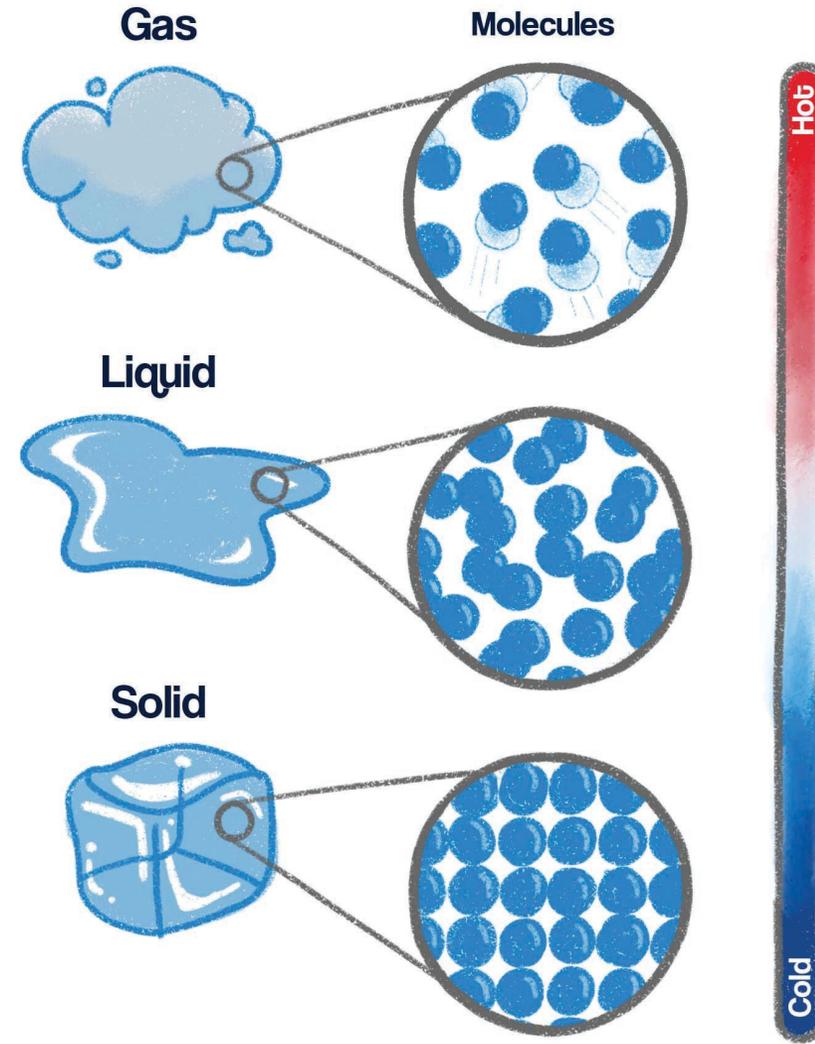
Explore

Observe and measure the inside and outside of basketballs. Use the [worksheet](#).

Explain

Learn about the three (3) states of matter. What state of matter makes-up a basketball?

States of Matter



Elaborate



Observe other sport balls and describe similarities and differences.

Evaluate

Time to bounce/dribble the ball and play catch! Can you describe how the states of matter affect each ball differently?

Extend

Challenge Yourself!

Dissect a sport ball, observe, and write (or verbalize) a comparison.



What is your Dream Job?

STEM Jobs in Sports

- Equipment Manager
- Chemist
- Product (Development) Scientist
- Safety Inspector
- Ball Engineer

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