

| | |
|--|--------|
| <h2 style="margin: 0;">Lesson 2: Solids, Liquids, and Gases</h2> <p style="margin: 0; font-weight: normal;">MAKING OOBLECK</p> | Week 2 |
|--|--------|

INVESTIGATION QUESTION

Is oobleck a solid, a liquid, or neither? What determines which category a material belongs in?

HYPOTHESIS

Hint: try writing it as "If _____, then _____, because _____."

OBSERVATIONS

Fill in the table as you experiment. Be specific about what happens in each test.

| What I Did | What Happened | Solid? Liquid? Both? |
|------------|---------------|----------------------|
| | | |
| | | |
| | | |
| | | |
| | | |

EVIDENCE SORT

Sort your observations into the correct column below.

| Evidence it is a SOLID | Evidence for BOTH | Evidence it is a LIQUID |
|---|-------------------|---|
| <hr style="border: 0; border-top: 1px solid #ccc; margin-top: 5px;"/> | | <hr style="border: 0; border-top: 1px solid #ccc; margin-top: 5px;"/> |

ANALYSIS

1. What happened when you hit oobleck quickly vs. let your hand sink in slowly?

2. Does oobleck fit neatly into one category? What does that tell us about classification systems?

3. Name one property all solids share. Name one property all liquids share.

CONCLUSION

Oobleck is interesting to scientists because:
