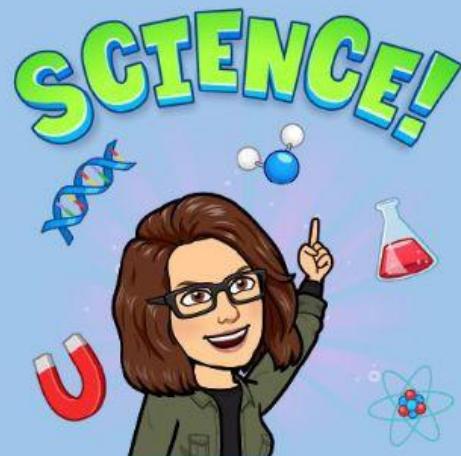


SOLIDS

CHANGES IN MATTER



2nd Grade
Ms. Gladay

SOLIDS

CHANGES IN MATTER

QUESTION

CAN WE SEPARATE SOLIDS AFTER THEY ARE
MIXED?

RESEARCH

WHAT IS A SOLID?

A solid is a State of Matter. Solids hold their shape. Other states of matter are liquids and gases.

SOLIDS

CHANGES IN MATTER



WHAT IS YOUR HYPOTHESIS?

CAN WE SEPARATE SOLIDS AFTER THEY ARE MIXED?

USE A CHECK MARK EMOJI TO SELECT YOUR ANSWER.

1. Solids **can** often be separated after being mixed together.
2. Solids **cannot** be separated after being mixed together.



MATERIALS

1. $\frac{1}{2}$ cup banana chips
2. $\frac{1}{2}$ cup raisins
3. $\frac{1}{2}$ cup chocolate chips
4. Mixing bowl

Wash your hands with soap and water before running this experiment. Let's get started!

Here's what you'll need:

- $\frac{1}{2}$ cup banana chips
- $\frac{1}{2}$ cup raisins
- $\frac{1}{2}$ cup chocolate chips
- Mixing bowl

Collect your supplies.

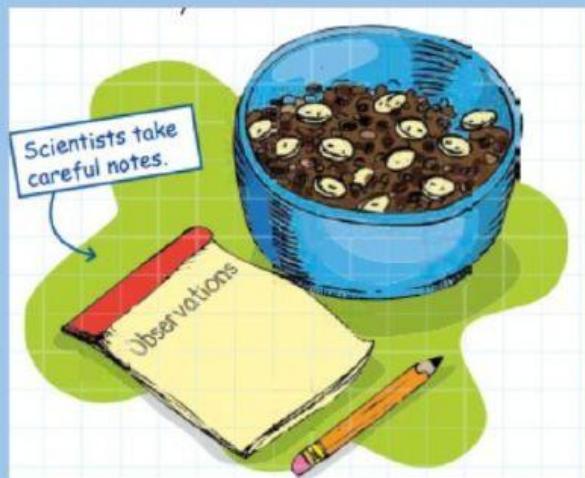
LIVE WORKSHEETS

SOLIDS

CHANGES IN MATTER

PROCEDURES

- Place the banana chips, raisins, and chocolate chips in a bowl.
- Use your hands to mix the parts.
- Look at the mixture. (Observation #1)
- Now try to separate your mixture. (Observation #2)



SOLIDS

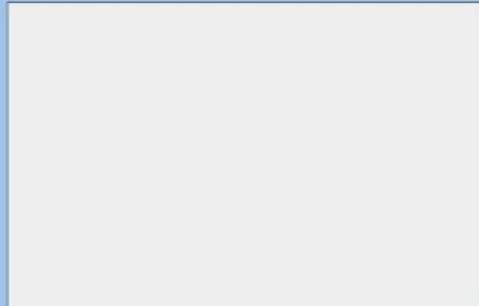
CHANGES IN MATTER

OBSERVATION #1

Does it look like a new substance?

Can you still see the different parts?

PICTURES



SOLIDS

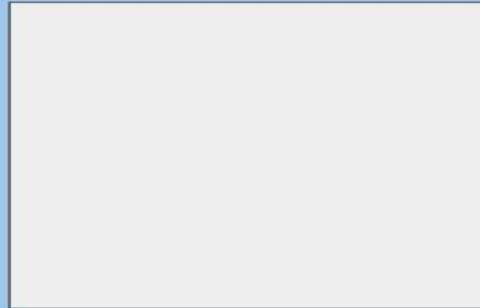
CHANGES IN MATTER

OBSERVATION #2

Is it possible to separate all of the parts?

Was it easy to separate your mixture?

PICTURES



SOLIDS

CHANGES IN MATTER

DATA AND RESULTS

Material	Did it mix together?
Banana Chips	
Raisins	
Chocolate Chips	

CONCLUSION

Many times solids do not change shapes. They will not bond with other solids. This means they will not stick together in a special way.

Correct

My hypothesis was _____.

Incorrect

LIVE WORKSHEETS

SOLIDS

CHANGES IN MATTER

Reference

