

Performance Assessment

Name: _____

Summative Assessment

Why does it float?

	Great work! This is going extra well for you. (EXCEEDING)	You did it and you did it on your own! (Grade Level) (MEETING)	Great Start! You are beginning to make sense of this on your own. (WITH ASSISTANCE)	You can do it! Spend some extra time with the criteria and ask for help. (HELP NEEDED)
Assess results of combining liquids and solids	I am able to insightfully explain, communicate, and predict the results of combining liquids and solids. I am perceptive in understanding that these pieces of matter have molecules of which impact how a substance will behave when mixed. I can fully support my ideas.	I am able to meaningfully explain and communicate the results of combining liquids and solids and back up my ideas with examples.	With some assistance, I am able to meaningfully explain and communicate the results of combining liquids and solids. I need to work on using the new vocabulary learned in order to communicate what my results are. I have to remember to back up my ideas with examples.	Even with assistance I am having trouble communicating the results of combining liquids and solids. More time is needed to explore how liquids and solids behave when mixed and understanding these results. What vocabulary will help me? How can I support my ideas?
Use technologies to conduct experiments involving the combination of liquids and solids.	By conducting meaningful experiments, I am able to give rich and detailed information on how liquids and solids are combined. I show an in depth understanding of interactions involving liquids and solids and this is demonstrated through my explorations.	I am able to meaningfully use experimentation to explore how liquids and solids are combined and what happens as a result. I can share my findings and show an understanding of interactions involving liquids and solids.	With some assistance, I am able to meaningfully communicate how liquids and solids are combined. I need to continue to explore the impact of these mixtures in our world and continue to experiment on my own.	Even with assistance, I am having trouble communicating how liquids and solids are combined. More time is needed in understanding how these combinations are created each day. What experiments can I conduct? What will they tell me? How can I share what I learned?

1. My floating “boat” will carry _____.

2. My floating “boat” will be stable because:

My Boat Drawing

My picture

My boat carried _____
paperclips.

(Video assessment – flip video)

- Why did some boats float?
- Why did some boats sink?
- From what we have learned, what **different things** can happen when solids are mixed with liquids?