



Student's name:	Class/Section:
Subject: Physics	NGSS: HS.PS2
Lesson Title: Fluids	Date:
<b>Objective: Describe a Fluid</b>	



### Q1. Define a Fluid.



### Q2. What will happen to the density of the object when: (Mention The relationship between variables).

- We Increase the volume of the object. density \_\_\_\_\_. And they are \_\_\_\_\_ Proportional.
- We increase the mass of the object. density \_\_\_\_\_. And they are \_\_\_\_\_ Proportional.

### Q3. Name two unique properties for liquids.

### Q4. Which of the following statements is Correct and which is Incorrect:

- 1- Surface Tension is the fluid surface strength ( )
- 2- Gases have a fixed volume and no fixed shape ( )
- 3- Viscosity is a property for gases ( )
- 4- Gases Expand when heat is Applied ( )
- 5- Liquids can be easily compressed ( )
- 6- Liquids have a fixed volume and no fixed shape ( )

### Q5. What is the difference between a gas and a liquid?

Comment	Strength	Improvement	Response
		Next time,	

**Value:** *Charity in schools fosters empathy and social responsibility among students, promoting a sense of community and altruism. Inside classrooms, incorporating charity initiatives cultivates a culture of giving, teaching students the importance of compassion and making a positive impact on the world around them.*