

# Slime vs. Gluep

After you and your partner make your substances, take the GLUEP out of the cup and play with it – Yes, PLAY with it!!! Pull it, bounce it, stretch it, drop it, squish it. What does it do? How does it respond? Will it bounce? Does its consistency change? Can you break it? Can you roll it in a ball? Can you stretch it into a thin film? Will it hold and imprint? Is it a solid or a liquid?

- Design a data table and record all observations
- Observe the properties of GLUEP by playing with it.
- The following are suggestions of what you might want to try:
  - 1) Play with your GLUEP!!!
  - 2) Roll the GLUEP into a ball. Does it maintain its shape? Does it bounce?
  - 3) Roll the GLUEP into a ball. Set it in the palm of your hand. What happens?
  - 4) Pat the GLUEP into a thin film. Hold up the film. What happens?
  - 5) Drop a GLUEP ball onto the desk. What does it do?
  - 6) Roll the GLUEP into a cylinder and pull the ends slowly, what happens?
  - 7) Roll the GLUEP into a cylinder and pull the ends quickly, what happens?
  - 8) Use a coin to make an imprint in the GLUEP. Does the imprint last?
  - 9) Put the GLUEP on top of an upside down cup and observe what happens.
  - 10) Play with it some more!
  - 11) Record all observations you make.
  - 12) Repeat all steps above for the SLIME

**Compare and contrast the SLIME and GLUEP using an interactive Venn Diagram**

DO NOT TRACE THE SAMPLE BELOW...IT IS TOO SMALL...USE THE PATTERN PROVIDED...AFTER MAKING THE VENN DIAGRAM, CUT ONLY THE SOLID LINES **BELOW** THE DOTTED LINE

