



# Solids and Liquids

# Triangle Test

1. Hold your bag at the top.
2. Tip it so a corner is pointing down. Does your material make the shape of a triangle?



# Cup Test

1. Hold your bag at the top.
2. Tip it so a corner is pointing down.
3. Put the corner into the bottom of the cup.
4. Let go of the bag.
5. Gently shake the cup.
6. Gently press the material. Can you make the material take the shape of the bottom of the cup?



# Pouring Test

1. Ask your teacher to make a hole in the bag.
2. Hold the hole over the cup. Can you empty the bag into the cup without opening the bag?



# Is Sand a Solid or a Liquid?

1. Carry out the three tests on your bag of sand.
2. Observe the sand using the hand lens.



3. Make a claim for whether sand is a solid or a liquid. Remember that scientists use evidence.