

# States of Matter

|        |                    |        |        |
|--------|--------------------|--------|--------|
| solid  | force              | helium | mass   |
| volume | solid, liquid, gas | matter | liquid |

Drag the correct word from the box to complete the sentences below.

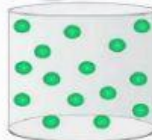
1. Everything we see is \_\_\_\_\_.
2. All matter exists in one of the following states \_\_\_\_\_
3. All matter weighs something. This is called \_\_\_\_\_.
4. All matter takes up space. This is called \_\_\_\_\_.
5. Matter that has a fixed shape is called a \_\_\_\_\_.
6. You can change the shape of some solids by applying a \_\_\_\_\_.
7. \_\_\_\_\_ is one example of air.
8. \_\_\_\_\_ takes the shape of the container.

Drag and drop the objects below into the correct State of Matter box:



| SOLID | LIQUID | GAS |
|-------|--------|-----|
|       |        |     |

Below are the descriptions of matter particles. Choose the correct matter type for each:

|                                                                                                                                                                                                                            |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <ul style="list-style-type: none"> <li>● rigid</li> <li>● fixed shape</li> <li>● fixed volume</li> </ul> <div>cannot be squashed</div> |  <ul style="list-style-type: none"> <li>● not rigid</li> <li>● no fixed shape</li> <li>● fixed volume</li> </ul> <div>cannot be squashed</div> |  <ul style="list-style-type: none"> <li>● not rigid</li> <li>● no fixed shape</li> <li>● no fixed volume</li> </ul> <div>can be squashed</div> |
| _____                                                                                                                                                                                                                      | _____                                                                                                                                                                                                                             | _____                                                                                                                                                                                                                               |