Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

States of Matter (videos)

1. Matter takes up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Matter exists in three states: \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_.

3. Matter in its solid state has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shape and

 volume (= amount of space taken up by something).

4. A solid’s particles are held together in an organized structure and held

 \_\_\_\_\_\_\_\_\_\_\_\_\_together.

5. Matter in its liquid state takes on the shape of its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 and its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ always stays the same.

6. A liquid’s particles are separate and can move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Matter in its gaseous state can change its volume and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ taking

 up the space of its container.

8. A gas’ particles are well \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and can move freely.