

## Phases of Matter

Use these links to help complete the table below.

| Property                              | Solids | Liquids | Gases |
|---------------------------------------|--------|---------|-------|
| Mass                                  |        |         |       |
| Shape                                 |        |         |       |
| Volume                                |        |         |       |
| Compressibility                       |        |         |       |
| Particle motion                       |        |         |       |
| Arrangement of particles<br>(Diagram) |        |         |       |
| Interparticle Force                   |        |         |       |



You smell a . Even if you were not close to shoes you would smell them because a .

It has no and can in all directions.



Rain is a .

When it hits a surface it .

If it falls into a container, it will the of it.



Wind is a .

Air is a

Like water gas can



Sand is a .

It will not move on its own and in a vacuum (no air) will have a shape.