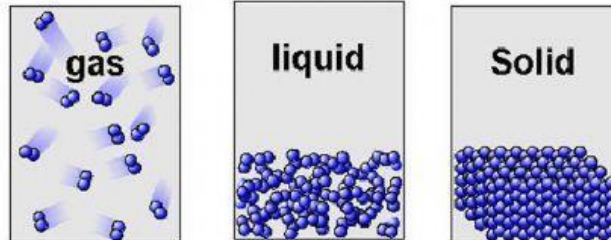


## The speed of sound

Through which state of matter will sound travel the fastest?

The slowest?



- Because sound is a *compressional wave*, it travels  through solids because the particles are close together and can push against each other easily.

- In a gas, the particles are very far apart and sound travels

It is  for sound to travel in space.