

Matter Notes

Matter – anything that takes up *space* and has *mass*.

The ancient Greek philosopher *Democritus* believed that all matter was made up of small particles called *atomos* which means indivisible.

Particle Theory of Matter states that...

1. *Everything* is made of particles (atoms).
2. These particles are always *moving*.
3. Each *pure substance* has its own type of particle.
4. When these particles *gain* energy, they move *faster* and need more *space*.
5. When these particles *lose* energy, they move *slower* and need *less* space.

Matter Quiz

Matter – anything that takes up _____ and has _____.

The ancient Greek philosopher _____ believed that all matter was made up of small particles called _____ which means _____.

Particle Theory of Matter states that...

1. _____ is made of particles (atoms).
2. These particles are always _____.
3. Each *pure* _____ has its own type of particle.
4. When these particles *gain* energy, they move _____ and need more _____.
5. When these particles *lose* energy, they move _____ and need _____ space.

WORD BANK

less - more - moving - faster - slower - mass

substance - atomos - space - everything - Democritus