

Entry 11

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Models of Matter

Over 2,000 years ago, the ancient Greeks wondered about the structure of matter.

There were 2 groups of thought:

1. Continuous Model of Matter
 - Aristotle
 - Can be divided into smaller and smaller pieces forever
 - No matter the size of particle, it'll look & behave like the larger pieces

2. Particle Model of Matter

- Democritus and Leucippus
- Matter is made of tiny particles that are too small to be seen and cannot down into smaller pieces.
- Particles group or stick together in different combinations to make up all materials
- Example- Breaking a rock into smaller pieces will give different particles. Those particles are different than the starting rock.