

# Matter Song

Matter has mass and takes up space  
It's everything you see, touch and taste  
Matter is made of tiny molecules and atoms  
Elements with protons, neutrons and electrons

Matter is the stuff that is all around  
Scientists have found some things that don't count  
Matter cannot be a form of energy  
Like wind, sound, light or heat

**Matter has mass and takes up space**  
**Solid, liquid, gas are the three different states**  
**Matter has properties that tell what it's like**  
**It goes through physical and chemical changes, that's right!**

Solid, liquid, gas are the three different states  
These phases of matter change what the matter makes  
If water's solid it's ice, if it's liquid it's water  
If the water is a gas then it turns to water vapor

Melting is going from a solid to a liquid  
Evaporating is going from a liquid to a gas  
Condensation is going from a gas to a liquid  
Freezing is going from a liquid to a solid

Matter has properties that tell what it's like  
We make careful observations to help us describe  
Mass, Volume, Density, and Pressure  
Size, Shape, Texture, and Temperature

Properties of matter can be chemical  
If oxidation takes place or if something is flammable  
Matter can never be destroyed or created  
A new substance can form with a chemical reaction

In a physical change, the object stays the same  
You can fold it, bend it, cut it, but the object still remains  
A physical change doesn't really change the matter  
The matter just moves from one state to another

In a chemical change, a new substance is created  
You can rust it, burn it, cook it, but you can't reverse it  
In a chemical change something new will form  
Energy is given off or energy is absorbed