

Properties and changes  
of materials  
Year 5 – Spring 1

# Glossary

Talk like a scientist



## Words you already know

**Solid   Liquid   Gas   Transparent   Opaque   Translucent**  
**Melting   Evaporation   Condensation   Particle**

|                         |  |
|-------------------------|--|
| Electrical conductor    | A material that allows an electrical current to flow through it.   |
| Thermal conductor       | A material that allows heat energy to be transferred through it.   |
| Dissolve/<br>dissolving | When a solid mixes with water, producing a transparent liquid called a <b>solution</b> .   |
| Soluble                 | Substances that can be dissolved in water are called soluble.  |
| Insoluble               | Substances that cannot be dissolved are called insoluble.  |
| Mixture                 | Two or more substances that are combined but could be easily separated.  |
| Filtering               | A process through which particles are removed from a liquid by passing through a filter.   |
| Sieving                 | A separating process that is used to remove particles of insoluble or undissolved material from a liquid, usually by using a barrier with small to medium-sized holes. |
| Reversible changes      | When materials can be returned to how they were before a reaction took place.  |