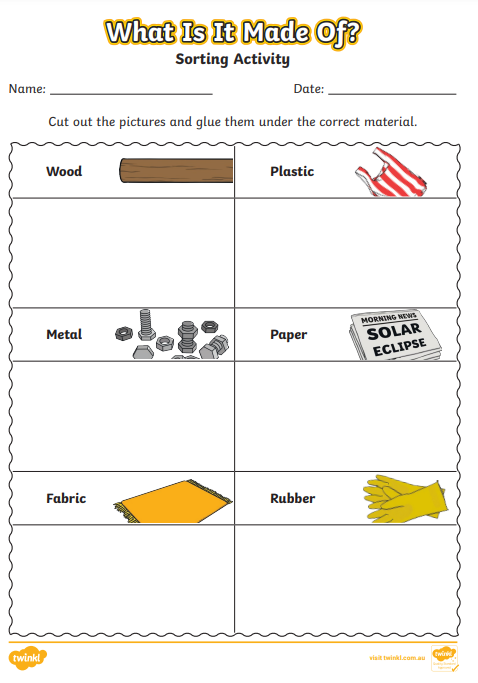
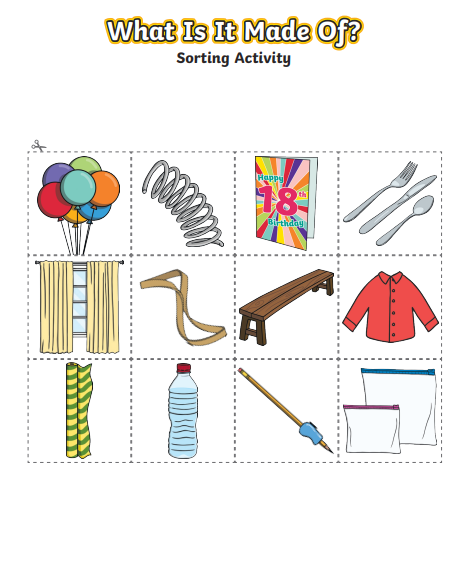
Year**: 5** Term**: Autumn 1**

**Science: Properties and Changes of Materials**

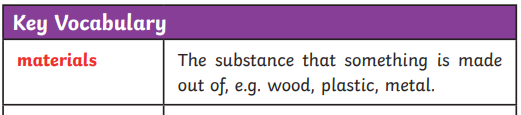
Pre-Learning Pack



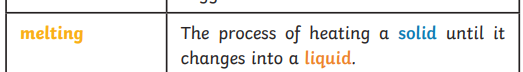






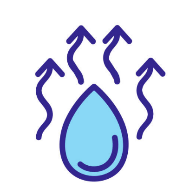


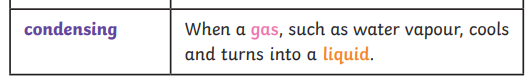


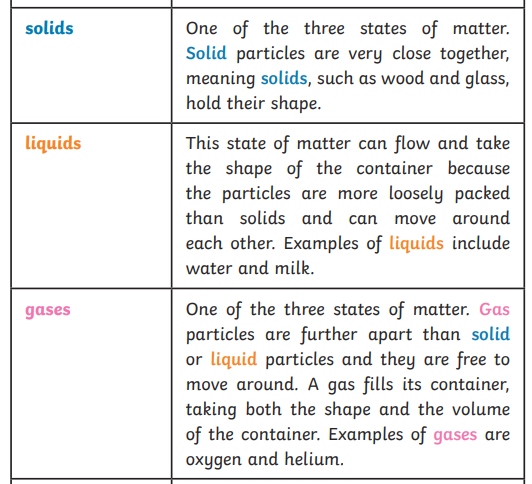
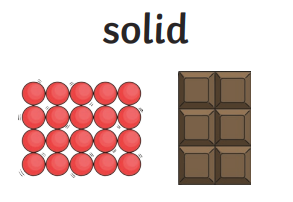
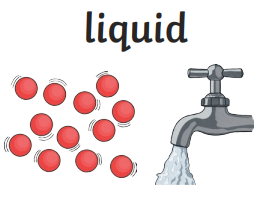
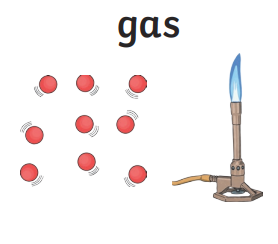


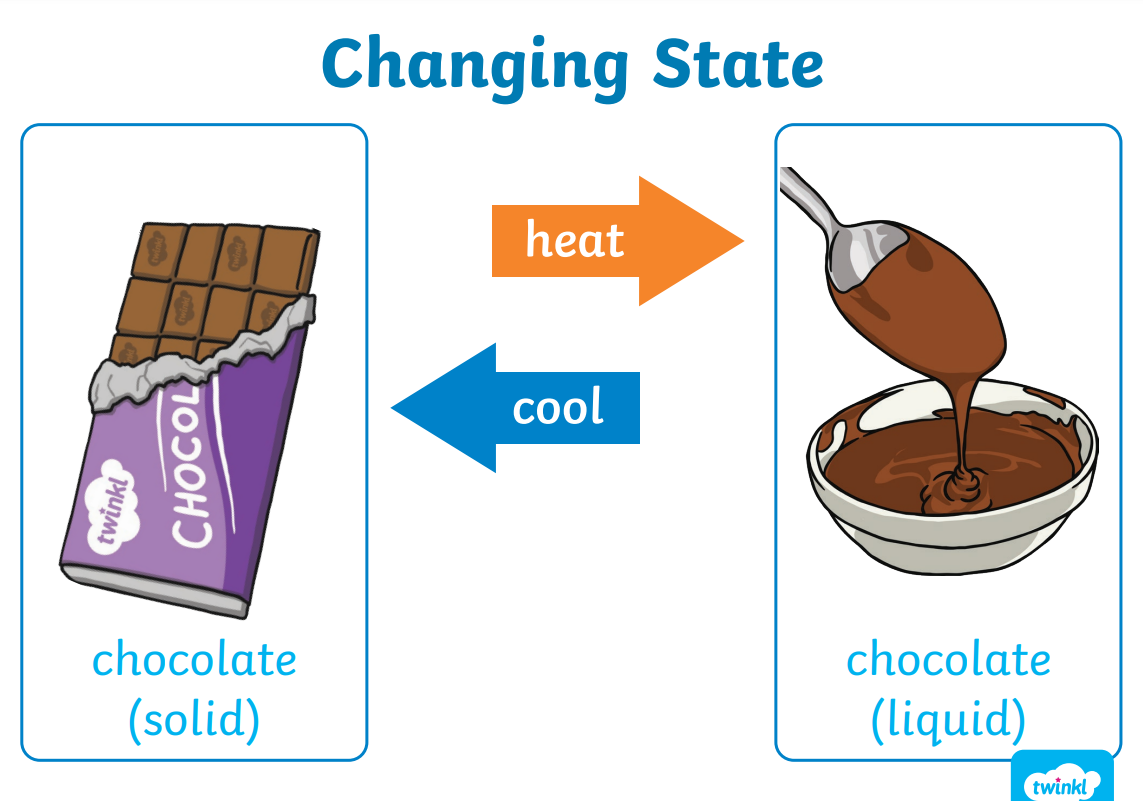
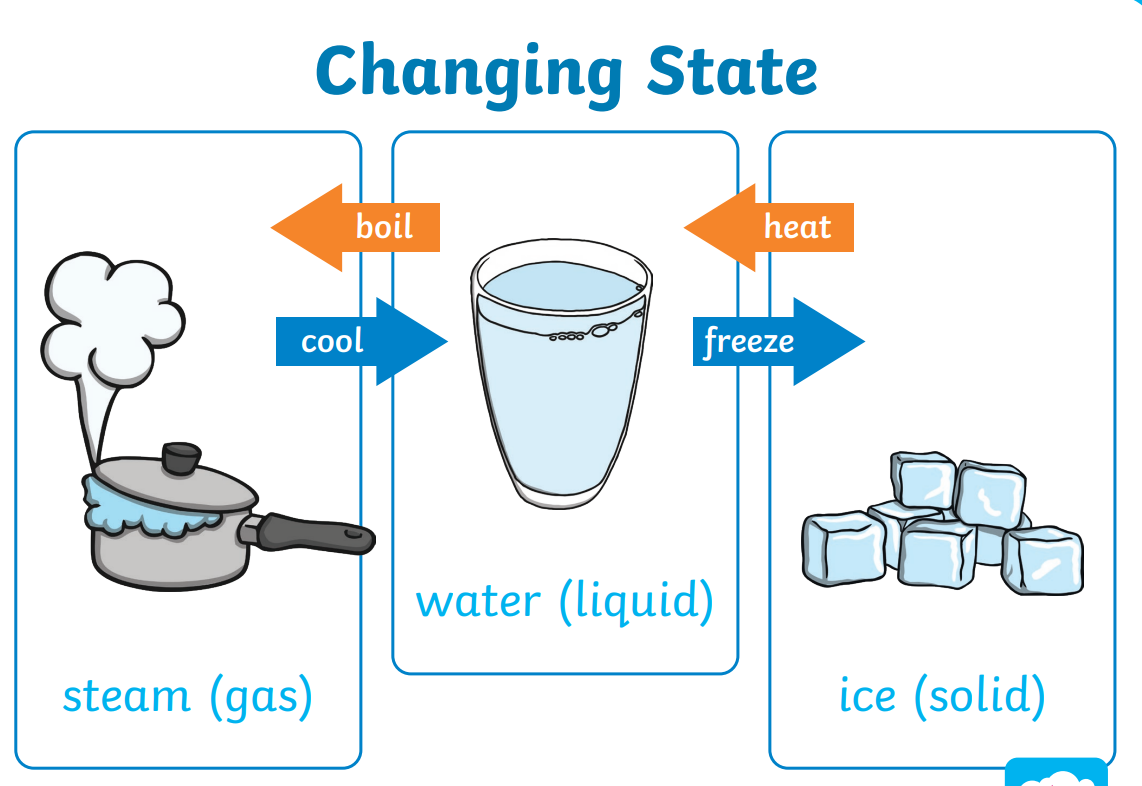


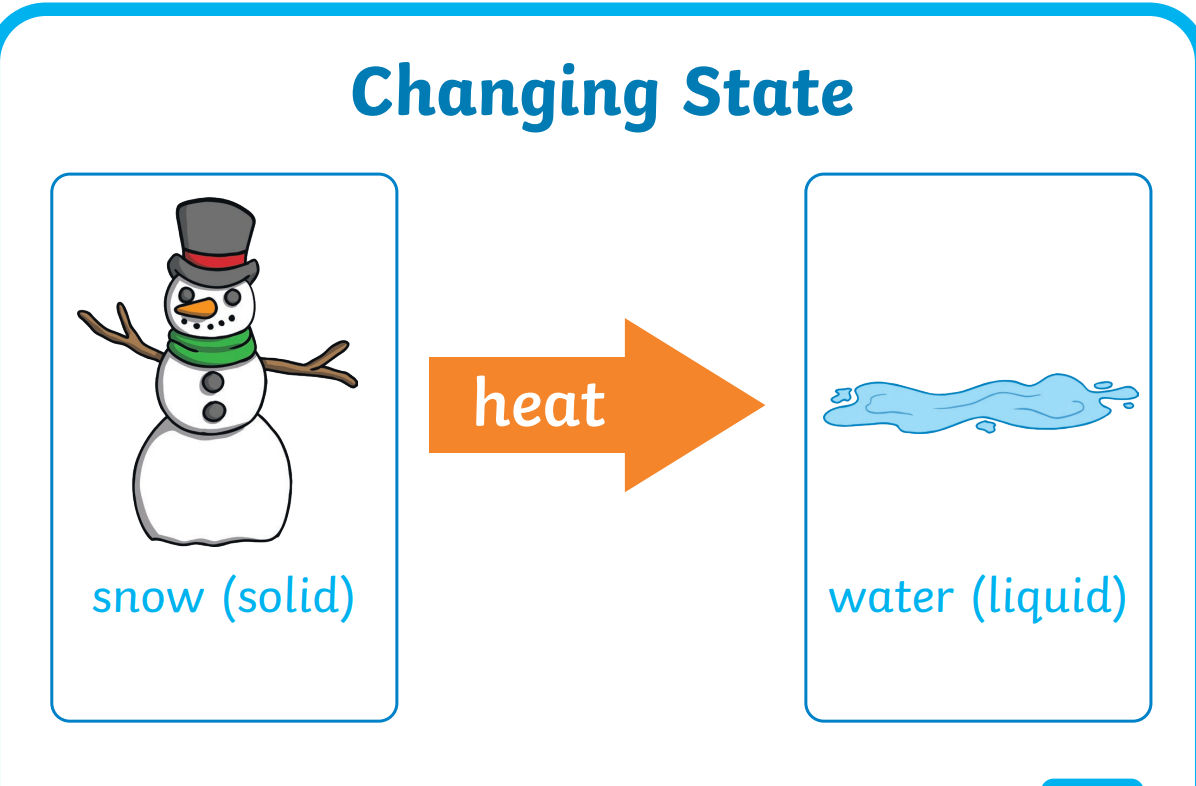


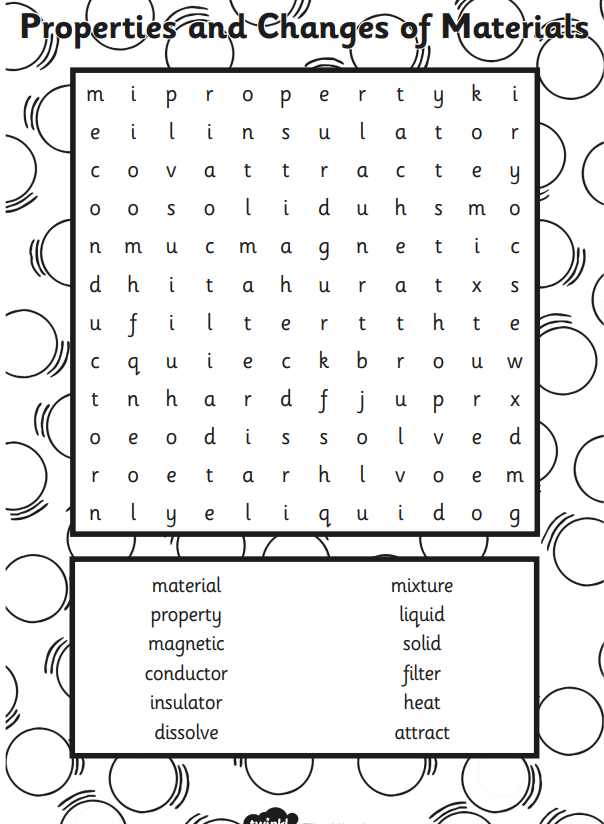












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| --- | --- | --- |
|  | **Videos** | **Activity suggestions** |
| **Properties and changes of materials** | *How to Identify Materials*  [*https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/zk2d96f*](https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/zk2d96f)  *Separation*  [*https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/zsgfp4j*](https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/zsgfp4j)  *Chemical Reactions and Reversible Changes*  [*https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/z7dcbqt*](https://www.bbc.co.uk/bitesize/topics/zryycdm/articles/z7dcbqt)  *Understanding reversible change with chocolate*  [*https://www.stem.org.uk/resources/elibrary/resource/34080/understanding-reversible-change*](https://www.stem.org.uk/resources/elibrary/resource/34080/understanding-reversible-change)  *Solids, liquid, gases dance*  [*https://www.youtube.com/watch?v=3IW8E1YR0kE*](https://www.youtube.com/watch?v=3IW8E1YR0kE)  *Simple materials video*  [*https://www.youtube.com/watch?v=340MmuY\_osY&t=157s*](https://www.youtube.com/watch?v=340MmuY_osY&t=157s) | * Word search * Object hunt at home- what can you find and what properties does it have and why they were chosen for that object * Cooking and baking with reversible and irreversible changes e.g. melting chocolate * What dissolves in water experiment <https://littlebinsforlittlehands.com/which-solids-dissolve-in-water-chemistry/> |