

Reversible and Irreversible Changes — Cheat Sheet

11+ Maths Guide · Year 5-6 · Keep this by your desk

REVERSIBLE AND IRREVERSIBLE CHANGES

1. Reversible: melt, freeze, dissolve, evaporate — get the original back.
2. Irreversible: burn, cook, rust, mix-and-react — a new material forms.
3. Dissolving is reversible (evaporate to recover the solid).
4. Signs of new material: colour change, fizzing, new smell, heat/light.

Example: dissolving sugar (reversible) vs burning toast (irreversible).