

Physical change

Physical properties
(size, shape and appearance)
may change.

No new substance is formed.

Ice => water
butter => melted butter

(same substance but
different state)

Chemical reaction

When substances are mixed, they interact or form another substance with a different shape or colour.

A new substance is formed.

In a chemical reaction heat is either given out or taken in.

batter + heat(oven) = cake
burning wood = ash + fire(heat)

different substance is formed