

Particle model: Frayer models





Downloaded from rsc.li/4cmvSbS, scaffolded version and teacher notes also available

How to use Frayer models 🖸 😋

Frayer models are a simple but effective way to develop learners' understanding of a new piece of vocabulary. You will see what your learners already know and identify any misconceptions they have.

There are four stages learners can work through, but you can adapt this model to best suit your learners. You can guide learners through all quadrants, but particularly quadrant 2 works best as a teacher-led discussion.



Find more guidance including tips, adaptations and further reading, in the teacher notes rsc.li/4cmvSbS

















solution by evaporating the solvent.







Reaction	Temperature before (°C)	Temperature after (°C)	Temperature difference
A + B	23	56	+33
F + M	22	10	-12
T+Q	10	78	+68

energy to its surroundings, causing the surroundings to get hotter.



Reaction	Temperature before (°C)	Temperature after (°C)	Temperature difference
A + B	23	56	+33
F + M	22	10	-12
T + Q	10	78	+68

A physical change or chemical reaction which absorbs energy from its surroundings, causing the surroundings to get cooler.

