

Plan and run the fair test

materials

Words to use

Fair test · Mixture · Observation · Inference

Our question, naming our two methods (Does ____ leave less sand in the water than ____?)

The two methods our group is comparing (sieving, filtering or settling)

I predict...because...

Sort these into Change, Measure and Keep the same

the separation method · how much sand is left · amount of mixture · time allowed · the container

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

Cloudiness beside the baseline jar, 1 (clear) to 5 (as cloudy as the baseline)

Method	Trial 1	Trial 2

What we SAW (the scores)

What we THINK it means (keep this apart from what we saw)

What would have made a group's test unfair?