

Plan and run the fair test

materials

What you need: sand–salt–water mixture in a clear jar · clear plastic cups or beakers · sieve · funnel · filter paper · jug of clean water for rinsing and top-ups · tablespoon or small scoop · timer or stopwatch · class waste bucket for sandy leftover mixture · Investigation Journal pages · cloths or paper towels for spills

Words to use

Fair test · Mixture · Observation · Inference

Our question

Which separation method leaves the least sand in the water?

I predict...because...

How much sand was left? (in score)

Method	Cloudiness (1-5)

Draw a bar chart of our results

Which method left the least sand?

What would have made a group's test unfair?