

The force of moving water

energy-forces

What you need: cork (wine-bottle size) or sturdy plastic bottle-cap hub · cocktail sticks or short wooden skewer pieces · small plastic spoons or pre-cut plastic paddle pieces · thin wooden skewer or straight plastic straw (axle) · yoghurt pots or similar supports for axle ends · sticky tape · shallow tray or basin · plastic jug of water · class timer or stopwatch · cloths or paper towels for spills

Words to use

Force of moving water · Water wheel · Hydropower

Our question

Does pour height or flow strength change how fast our water wheel spins?

I predict...because...

Sort these words into Change, Measure and Keep the same

pour height · how strong the flow is · number of turns in the set time · the water wheel · how long we count for · the jug

Change – the ONE thing we change

Measure – the ONE thing we measure

Keep the same – to make it fair

Turn counts from our trials

What we changed	Trial 1 turns	Trial 2 turns

What I found out
