

The brain, senses and fast reactions: how fast can you react?

living-things

What you need: 30 cm ruler · feely bag (soft cloth or paper bag) · safe feely-bag objects (rubber, large button, cotton wool, coin, short pencil stub) · Investigation Journal page (results table)

Words to use

Brain · Senses · Reaction · Reaction distance

Our question

Does changing one set-up (ready versus distracted, or writing hand versus the other hand) change how far the ruler falls before you catch it?

I predict...because...

How far did the ruler fall? (in cm)

Condition	Middle catch distance (cm)

Draw a bar chart of our results

Which set-up had the longer middle catch distance?

What does that suggest about how the brain uses the senses?

