

# 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)

## 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) |
|-----------|----------------------------|
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## Draw a bar chart of our results



### Lesson 3

Which set-up had the longer middle catch distance?

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

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