

MEAN, MEDIAN AND MODE

INVESTIGATION

SIGHT VERSUS SOUND REFLEXES



Fast reflexes are needed in many sports. If you are the quickest off the blocks, you may win the race!

REQUIREMENTS

Ruler, blindfold, a friend

INSTRUCTIONS

- First using just sight...Hold a ruler by the top at arm's length.
- Get a friend to place his/her fingers at the bottom of the ruler ready to catch it when you drop it.
- Don't warn him/her when you drop it.
- Measure the distance the ruler has dropped before your friend catches it.
- Do this 3 times and find the average distance. Which average would be best?

- Second using just sound...Blindfold your friend.
- Repeat the experiment but this time say 'Go' as you drop it.
- Was your friend faster or slower than with just sight?

- Organise your data into a table. Include the averages.
- Graph the results.
- What do you notice?