

Big Feet

When a student suggested that boys have bigger feet than girls and another student said it was just a matter of how tall you are if your feet are bigger, the teacher decided to launch an investigation.

The class collected data from all their year group. They made response cards on coloured paper to allow them to sort and do make graphs of the results. Using these cards, can they say that boys feet are bigger than girls feet? Or, is foot size related to height?



Choose one of these questions to investigate. You may use the data provided, or survey/measure your own class.

1. Choose the question you will investigate.
2. What are the two variables you are looking at.
3. Cut out the response cards and sort these into a useful order or groupings.
4. Look at the extreme values (outliers). Are any of these likely to be mistakes measuring/recording rather than real values?
5. Arrange the response cards suitably (this may be in the form of a column graph).
6. Look for any outstanding trends or features in the arranged response cards.