


Collecting Data

A S – 10.4.1

The slide features a decorative graphic on the left side consisting of a vertical bar with a color gradient from purple at the bottom to yellow at the top. At the top of this bar, there are three arrows: a grey arrow pointing left, a red arrow pointing right, and an orange arrow pointing up.



CHILD OBESITY ARE WE KILLING OUR KIDS


Obesity is present when the total body weight is greater than 25% of fat in boys, & 32% in girls. **An estimate in the US recently is that 15-25% of teenagers are obese.** The National Children & Youth Fitness study found that **6-9 year olds have thicker skinfolds** than their counterparts in the 1960's. Don't these statistics scare every one of you right of the couch & on to the treadmill.

Extract: http://www.prueleith.co.za/articles/articles_child_obesity.html

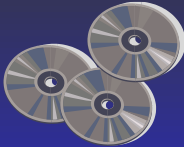
Power from Data



- ➔ The above article uses data that was collected and sorted.
- ➔ The data collected provides information.
- ➔ The information leads to knowledge about issues.
- ➔ This knowledge helps individuals and groups make informed decisions.



Methods of obtaining Data



Interviews

Questionnaires

Surveys

Observations

Tally Sheets

Use of data bases

Books, Newspaper articles etc



Conducting a survey

Formulate a research question e.g.

- ▶ Are grade 10 girls better cooks than grade 10 boys?
- ▶ Is obesity becoming a health risk amongst teenagers in South Africa
- ▶ Is drug abuse amongst teenagers a reality?

Then ..

create

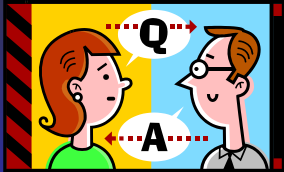
Ask questions
Make a list
???

Design a questionnaire

A questionnaire is a set of questions designed to obtain data from a group, called a population.

All questionnaires should ..

- be brief and to the point.
- use clear, familiar and simple language.
- have minimise bias - no loaded questions.
- **not** ask leading or personal questions.
- specify time length to complete.





Who's the best ?

Design a survey to find the best female music recording star.

1. Decide what population you will study. Will you include adults or just people your age?
2. Decide how you choose your sample.
3. Write your survey questions.
4. Conduct your survey.

To be continued ...