

In groups of 3 or 4 you will be conducting an inquiry into "What's the Best".

### 1. Choose a Category

Think of a category that you could investigate to find out what the best thing is in that category.

Suggestions include:

- What's the best book in the library?
- What's the best breakfast cereal?
- What's the best ever Australian cricket team?
- What's the best number of hours to sleep per night?

### 2. Define "Best"

As a group, define what "best" means. Different people might have different criteria for deciding which things are better than others. For example:

- Is the best library book the one that your group likes the most? Or is it the most frequently borrowed? Or is it a book that has won awards?
- Is a breakfast cereal the "best" because it is healthy? Or tastes good? Or is good value for money? Or a combination of these criteria?

### 3. Collect Data

What information does your group need to collect? For example:

- To decide if a breakfast cereal is healthy you might look at sugar content and other nutritional information.
- To decide which cricket players to include you might want to find out their batting averages.

How will you collect this information? For example:

- Researching on-line.
- Making a survey for your class.

### 4. Interpret the Data

Based on the data, your group needs to decide "What's the Best" in your chosen category.

If you are using multiple criteria you will need to weigh up the importance of each one. For example, which book is better: a book that everyone likes but hasn't won any awards OR a book that has won an award but only some people like?

### 5. Present the Data and Your Reasoning

Present the data you have found using an appropriate graph or graphs and explain carefully why your choice is "the best". Ensure that you include the elements of effective graphs:

- Title
- Labels
- Scale
- Coding and keys if necessary

# My Cricket Team

Name: \_\_\_\_\_

Choose 11 players to represent Australia as our best ever cricket team.

- Using the data below, and any additional data you would like to include, decide on your final line up. You need to include a wicket keeper and at least four bowlers.
- Nominate a team captain.
- Explain why you have chosen each of the players in your team.

<p><b>Batters (Batting average)</b> - from 10 or more innings</p> <p>D. Bradman (99.94) A. Voges (95.5) D. Annetts (81.9) S. Barnes (63.05) L. Hill (62.37) S. Smith (60.18) B. Haggett (58.61) E. Wilson (57.46) B. Hodge (55.88) G. Chappell (53.86)</p> <p>Others (Your suggestions):</p>	<p><b>Bowlers (Bowling average)</b> - from 10 or more innings</p> <p>R. Farrell (9.88) J. Mullagh (10.0) E. Wilson (11.80) S. Moffat (12.73) E. Liddell (13.0) P. Antonio (13.9) J. Ferris (14.25) J. Iverson (15.23) K. Brown (15.72) E. Perry (16.11)</p> <p>Others (Your suggestions):</p>	<p><b>Wicket keepers</b> (Best performance in a match)</p> <p>A. Gilchrist (10 catches) R Marsh (9 catches) I. Healey (9 catches) G. Langley (8 catches, 1 stumping) C. Matthews (8 catches, 1 stumping)</p> <hr/> <p><b>All-rounders</b> (Best performance in a match)</p> <p>E. Wilson (100 runs; 7-7) A. Davidson (80 runs; 6-87) J. Gregory (100 runs; 7-69)</p> <hr/> <p><b>Captains (% of games won as captain)</b></p> <p>W. Brown (100%) A. Blackwell (100%) R. Harvey (100%) M. Jennings (100%) M. Lanning (100%) H. Massie (100%) H. Trumble (100%)</p>
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Data from <http://cricketarchive.com/>