

AFL Maths Challenge Task Card

Data Research (ACMSP119)

Find a recent copy of the AFL ladder. (Try Monday newspapers or the Internet).

Create a data display using some of the information shown on the AFL ladder. Ideas include graphing the wins and losses for each team, graphing each team's total score or the percentages.

Data display ideas include tables, column graph or dot plot.

Symmetry (ACMMG114)

Is an AFL oval symmetrical?

Are the player positions symmetrical?

Show your results in a labelled diagram.

Calculations (ACMNA291)

Calculate what the goals and behinds could have been for each final score.

- a. 108
- b. 144
- c. 86
- d. 56
- e. 79

Calculations (ACMNA291)

Choose one AFL team to research the number on each player's guernsey.

Estimate what the added total of the guernsey numbers would be.

Add all of the guernsey numbers together.

Was your estimate close?

Perimeter (ACMMG109)

Choose one of the ovals from around Australia that the AFL is played on.

Find out the field size.

Calculate the perimeter of the field.

Area (ACMMG109)

Choose one of the ovals from around Australia that the AFL is played on.

Find out the field size.

Calculate the area of the field.

