

Football: Mean, Median and Mode

Teacher Notes

Curriculum Links

Level 7 Mathematics

- Statistics and Probability
 - Data representation and interpretation
 - Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data ([VCMSP270](#)).

Learning Intention and Success Criteria

Learning Intention

To understand that summarising data by calculating mean, median and mode can help make sense of the data.

Success Criteria

- ✓ Calculate mean, median and mode for a variety of data sets.
- ✓ Interpret the statistics to organise the data collections into matching groups.

Task

- ✓ This resource could be used as an introduction to Year 7 Statistics and Probability, where you challenge the students to go online to research the definition of mean, median and mode. Students could discuss the activity with peers to promote meaningful conversation about mathematics through presenting and justifying arguments. It could also be used as an assessment opportunity at the end of the unit.

Notes

Reference: This resource is based on an NRICHS problem from University of Cambridge in the UK. <https://nrich.maths.org/>.

It has been modified and adapted to suit the Victorian Curriculum F-10 and Australian A-League Football.