



Learning Objective Link - Averages

Year 5 Find and interpret the mode of a set of data.

Year 6 Describe and interpret results and solutions to problems using the mode, range, median and mean.



Presentation and Prop Ideas

- Prepare a set of data appropriate for the class and display this on your whiteboard. Use the data to work out with the class which values are the Mode, Median and Mean. Then ask three children to represent the Awesome Average Team (which may include a bit of dressing up!) and equip them with individual whiteboards with the three different values clearly marked on the boards. Sing the song, with the appropriate average standing up during his verse, to reinforce the learning.
- Give the children a set of values with a clear mode, median and mean, for example, the numbers; 1, 1, 2, 3, 4, 8 and 9. These numbers could be written in large writing on individual whiteboards, with one number per board. 7 children should hold up the numbers and the class can order the data. The Mode (1), Median (3) and Mean (4) should then be labelled, either with a rosette or by some other method. The numbers could even be decorated to show their meaning. Sing the song to reinforce the learning.



Adaptations and Extensions

- Use the backing track version and ask the children to re-write Grandpa's story. The song could then relate to a particular set of data which the children have been working on.



Actions

During the chorus section of the song a simple line dance adds a great deal of fun!

<i>Mode, Median and Mean,</i>	(4 steps to the right, then clap)
<i>Mode, Median and Mean,</i>	(4 steps to the left, then clap)
<i>No greater trio has there been,</i>	(2 superposes)
<i>Their data powers we have seen,</i>	(Hand over eyes, sweeping left to right, looking)
<i>They are the Awesome Average Team,</i>	(Spin, then punch high in the air!)
<i>Mode, Median and Mean!</i>	(Point to three children playing part of M, M & M)



Links

Awesome Average Team is the only Number Fun song that tackles averages.

See Game
7
pages 48 & 49!



(Averages)

Mode, Me di - an and Mean, Mode, Me - di - an and Mean,
 grea - ter tri - o has there been, Their da - ta pow - ers
 we have seen, They are the Awe - some Ave - rage Team, Mode
 Me - di - an and Mean!

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**Mode, Median and Mean,
 Mode, Median and Mean,
 No greater trio has there been,
 Their data powers we have seen,
 They are the Awesome Average Team,
 Mode, Median and Mean!**

And first on the range is...

Mode - he's the fashion model and extremely popular! To find him you look at all the data and the Mode is the most common or popular value. He's just so cool - he lives up to his whipper snapper name, Mode L – model, get it?!...

And second on the range is...

Median - she loves to take centre stage. You know, to find her you order all the data and the Median is the value shown smack-bang in the middle or the centre - she'll be telling jokes - cos' she's the com-median!

Now third on the range is...

Mean - he never lets anyone chill out and rest - he gets all the data involved. Now to find him you add up all the data and then divide by number of values. Now that's Mean, typically Mean!

