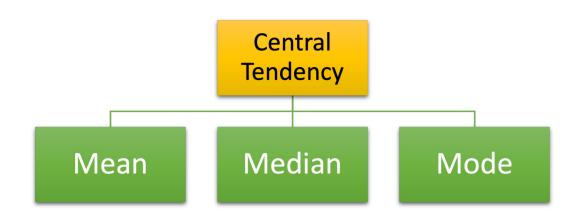
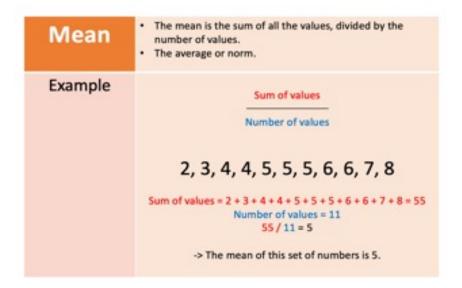
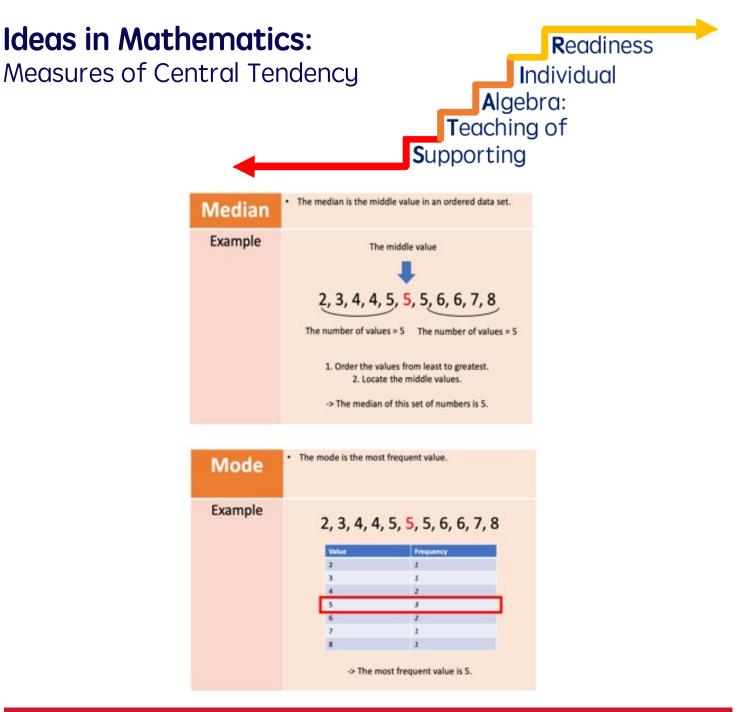


• Measures of central tendency help you find the middle, or the average, of a data set. The goal of central tendency is to find the single score that is most typical or most representative of the entire group. It is also useful for making comparisons between groups of individuals or between sets of figures.



2. Definition and Measures of Central Tendency





3. Applied examples

- Download the PDF version of the basic template from Goggle Docs https://drive.google.com/file/d/0B7ciNQ8KxMIDRHRMNk9tcnZuc2s/view?resource– key=0--Jp8slP6Vvxsc0zxocR1Kg
- Introduce and define each vocabulary for measures of central tendency (including 'range').

Range: The difference between the largest and smallest value in the data set.

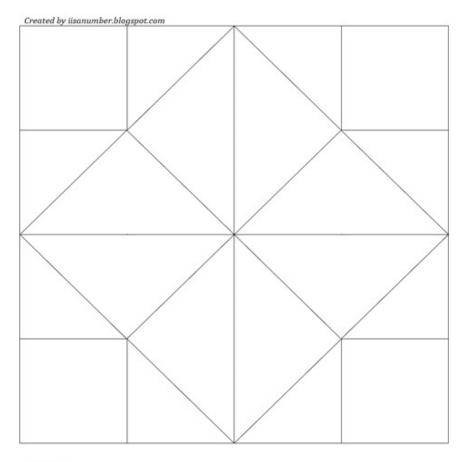
- The four corner squares can be labeled mean, median, mode, and range.
- There are 8 data sets given and there are places for the kids to write in the mean, median, mode, and range for each of the sets.
- Work in partners to play the game and collaborate on finding the answers for each data set

Ideas in Mathematics: Measures of Central Tendency





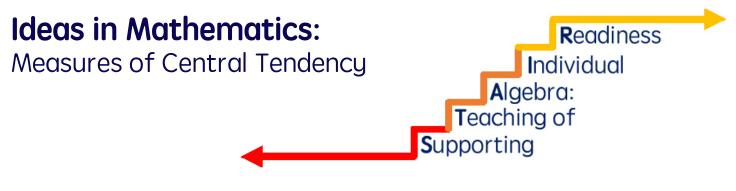
Resources



Folding directions:

- Cut out the large square neatly.
- Place the paper face down. Fold each corner into the center, making a smaller square.
- Turn the paper over.

- Fold each new corner into the center, making a smaller square. Turn the paper over. Gently lift each of the four flaps and place the thumb and index finger of each hand inside.



References

- <u>http://iisanumber.blogspot.com/2012/08/measures-of-central-tendency-cootie.html</u>
- Groth, R. E. (2009). Characteristics of teachers' conversations about teaching mean, median, and mode. Teaching and Teacher Education, 25(5), 707–716.