

Unit Topic: Statistics and Data

6th grade Math

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| <p>D A Y I N U N I T</p> | <p>*Learnin*Content Strand g Target -I Can *Essential Questions -WHY?? -How do you know? Curriculum document Common Core</p> | <p>Vocabulary/ Vocab Activity Activities Activities II</p> | <p>Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples)</p> | <p>Literacy/Reading in the Content Literacy Ideas</p> | <p>Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas</p> | <p>Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/ Ideas 9 Types Big Explanation Tool</p> | <p>Technology 50 Ideas</p> |
| 1 | Stats and Data intro I can collect data | Statistics Data | Personal Response | | | | |
| 2 | I can recognize a statistical question | Statistical question | Questions sort | | Formative- exit slip | | |
| 3 | I can find the range | Range Variability | | | | | |
| 4 | I can find the mean | Mean Central tendency | Personal response Novelty | Background knowledge Predict | | | |
| 5 | I can find the median I can find the mode | Median Mode | | | | Graphic organizer | Powerpoint |
| 6 | I can find mean, median, mode, range | | Homework and practice | | | "Mean, the average" song | |
| 7 | I can find mean, median, mode, range | | Personal response | | Formative- quiz | | |
| 8 | I can make line plots/ dot plots | Line plot Dot plot | Personal response | | | | |
| 9 | I can make line plots/ dot plots | Clusters Gaps Outliers | Homework and practice Compare and Contrast | | | Ability Groups | |
| 10 | I can make line plots/ dot plots | Center Spread Shape Skew Symmetry | Novelty | | Formative- quiz | | |
| 1 | I can find mean absolute deviation | Mean absolute | | Organizer | | | Powerpoint |

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|-----------------------|---|---|-----------------------|--|-----------------|---------------------------------------|------------|
| 1 | | deviation | | | | | Interwrite |
| 1 2 | I can find interquartile range | Interquartile range Quartiles Variability | Homework and practice | | | | |
| 1 3 & 1 4 | I can make a box plot | Box plot | Personal response | | | | Powerpoint |
| 1 5 | I can find mean absolute deviation I can find interquartile range I can make a box plot | | | | Formative- quiz | | |
| 1 6 | I can make a table | Frequency Frequency table | | | | | Powerpoint |
| 1 7 | I can find mean, median, mode, and range from a frequency table | | Homework and practice | | | | |
| 1 8 & 1 9 | I can make a histogram | Scale Interval Axes Bar graph Histogram | | | | LTF lesson- Bar Graphs and Histograms | |
| 2 0 | Unit Review | | | | | | |
| 2 1 | Unit Test | | | | | | |
| 2 2 | Unit reflection | | | | | | |