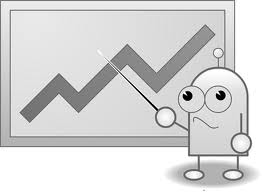
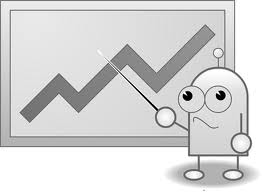
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| Unit 6: Statistics | | |
| Vocabulary Term | What does it mean?  Definition | What does it look like?  Picture/Example |
| Histogram | A bar graph used to display numerical data grouped in equal intervals. |  |
| Dot plot | A graph in which each value is shown as a dot above a number line |  |
| Box-and-whisker plot  (or “box plot”) | A graph that uses a number line to show how data is distributed. It shows the maximum and minimum values of the data, along with the upper and lower quartiles and the median. |  |
| Interquartile range (IQR) | The range between the upper and lower quartiles on a box plot. This represents the middle 50% of the data. |  |
| Maximum value | The largest number in a set of data, and the endpoint of one whisker on a box plot. |  |
| Minimum value | The smallest number in a set of data, and the endpoint of one whisker on a box plot. |  |
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| Vocabulary Term | What does it mean?  Definition | What does it look like?  Picture/Example |
| Median | The middle number when a set of data is arranged in order. |  |
| Mean | The “average” of a set of data, found by adding all pieces of data and dividing by the number of data. |  |
| Mode | The number that occurs the most in a set of data. |  |
| Outlier | A value that is far away from most other values in a data set. |  |
| Range | The difference between the highest and lowest values in a set of data. |  |
| Measures of center | A number that describes the middle of the data. |  |
| Measures of spread  (or variation) | A number that describes how spread out the data is. (how much the data varies) |  |

[](http://www.google.com/imgres?q=statistics+clip+art&um=1&hl=en&tbo=d&biw=1600&bih=697&tbm=isch&tbnid=zIpGR2wT1psxRM:&imgrefurl=http://www.pcworld.com/article/234814/diy_free_services_to_build_a_business_website.html&docid=Vqujdw_3ruZVzM&imgurl=http://images.pcworld.com/news/graphics/225762-graph-point-clip-art_original.jpg&w=512&h=375&ei=xAisUKqIOY7nqAHEkIDAAQ&zoom=1&iact=hc&vpx=190&vpy=107&dur=1529&hovh=192&hovw=262&tx=154&ty=111&sig=118279028075191188497&page=2&tbnh=147&tbnw=201&start=27&ndsp=36&ved=1t:429,r:1,s:27,i:178)

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