Exploring Excel Charts Group Project

Objectives:

This is a student directed group project where students will be working collaboratively in heterogeneous groups to research/learn how to create charts in Excel using available tutorial resources, and create a presentation/demonstration to show peers how to create Excel charts.

1. Each group will research how to create their assigned chart in Excel, using available tutorials & the Help menu in Excel. Instructional resources include, but are not limited to:
    - the online SNAP Excel tutorials 3.6 & 3.7 available at: http://gaildarmody.weebly.com/emc-marquee-office-resources.html
    - http://office.microsoft.com/en-gb/excel-help/create-a-chart-from-start-to-finish-HP010342356.aspx?CTT=1)
    - http://office.microsoft.com/en-gb/excel-help/how-to-create-a-basic-chart-in-excel-2010-RZ102559017.aspx?CTT=1

2. Each group will create a brief presentation to introduce themselves & to explain why someone would want to use this particular Excel chart, especially in relation to other types of charts.

3. Each group will show the class, through a demonstration, how to create their assigned Excel chart.

4. Each group will create a short activity handout for the rest of the class to practice what they've learned from the group's demonstration.

5. Each group will distribute activity handout to class to complete.

6. All group members are required to share all project documents with everyone in their group via Google Docs, by the end of each class period, to ensure all group members have the latest group documents as the project progresses.

7. All groups will share all final project documents with each group member, as well as with the teacher via Google Docs.

8. Groups will have 3-4 class periods to complete the project.

9. This project is worth a total of ***300 points***. Groups will be graded using class and school-wide rubrics in the following areas:
    - The quality and thoroughness of their presentation (100 points)
    - The lesson/demonstration and student activity (100 points)
    - Collaborative work skills and teamwork (100 points)

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Group assignments are heterogeneous by period

Period 2

Column charts – Amy, John, Ryan

Line Charts – Brianna, Jason, Cory & Cierra T.

Pie Charts – Jair, Allison & Jeff

Bar Charts – Sierra, Josh and Autumn

Period 6

Column Charts – Alex, Dylan, Courtney

Line Charts – Emma, Tyler, Christina & Nick C.

Pie Charts – Brooke, Savannah, Kaitlyn

Bar Charts – Sydney, Jordan, Erika & Ashley

Area Charts – Matt, Keith & Nick M.

Period 7

Column Charts – Sarah, Courtney & Kelsey

Line Charts – Samantha, Logan & Jessica

Pie Charts – Ryan, Mitch & Paige

Bar Charts – Erica, Emma & Elanur

Area Charts – Allison, Kelly & Marina

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