Unit 4 Technology-Multimedia and Inquiry

Content Area: **Technology**
Course(s): **Technology 1**
Time Period: **Marking Period 4**
Length: **April/May/June**
Status: **Published**

Essential Questions

How can I use a variety of digital tools to share information?

Big Ideas

Students select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.

Cross Curricular Integration

Integration Area: Math

1.MD.C Represent and interpret data: . Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

Activity: Represent and interpret data. Visual Mapping: Attributes and Linking

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Diversity Integration

Objective: Student uses visual mapping software to create a visual map: I belong to many groups

Activity: Student gains awareness of groups and their goals. Student uses pictures and labels to represent ideas. Student links ideas to make them coherent and cohesive.

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Enduring Understandings

8.1.2.DA.3: Identify and describe patterns in data visualizations.

8.1.2.DA.4: Make predictions based on data using charts or graphs.

Activities and Assessments

- Visual Mapping: Attributes and Linking
- Visual Mapping: Groups and Labels
- Sorting Sets
- I Belong to many groups
- Spend, Save and Share inquiry project

Resources-

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Google Apps