Ongoing Tooth Tally Project

Content Area: **Technology**
Course(s): **Technology**
Time Period: **Generic Time Period**
Length: **40 Weeks**
Status: **Published**

Unit Overview

Using "lost tooth" data collected in the classroom, students will practice counting skills and collecting data. They will learn to make and interpret graphs, use descriptive text, develop mapping skills and share their experiences online with other classrooms all over the world.

Standards

TECH.8.1.2.A.2	Create a document using a word processing application.
TECH.8.1.2.A.4	Demonstrate developmentally appropriate navigation skills in virtual environments (i.e., games, museums).
TECH.8.1.2.A.5	Enter information into a spreadsheet and sort the information.
TECH.8.1.2.A.6	Identify the structure and components of a database.
TECH.8.1.2.A.7	Enter information into a database or spreadsheet and filter the information.
TECH.8.1.2.C.CS3	Develop cultural understanding and global awareness by engaging with learners of other cultures.

Essential Questions

- How has the use of digital tools improved opportunities for communication and collaboration?
- How can I use digital and web-based media to collaborate with others?
- How do I choose which technological tools to use and when is it appropriate to use them?

Application of Knowledge: Students will know that...

- Digital tools allow for communication and collaboration anytime/anyplace worldwide.

Application of Skills: Students will be able to...

- collaborate with other students to complete a digital scavenger hunt
- Create and interpret graphs, use descriptive text, develop mapping skills and collaborate internationally using the Internet while tallying lost teeth.

Assessments

- Students will add their own individual data to a Google Sheets based on lost teeth
- Students will complete the scavenger hunt

Suggested Activities

- The Tooth Tally Project- Students will use Google Sheets to keep track of "lost tooth" data. They will analyze the data as well as create charts and graphs.

- Virtual tour of National Zoos- Students will use Google Sheets to keep track of animals they watched on live web cams. They will analyze the data as well as create charts and graphs.

Activities to Differentiate Instruction

- Behavior modification reward system to encourage time on task so that work is completed
- Partner with a capable learner. Closely monitor partner work
- Periodically, review the student's maintenance of their folders and incomplete work
- Provide individualized check lists of the directions for a task in support of the thorough execution of directions.
- Proximal seating for all large group work

Enrichment Opportunity:

- Students will create a survey using Google Forms to survey classmates on a topic of their choosing. They will then export the data into Google Sheets where they will then create graphs based on the data.

Integrated/Cross-Disciplinary Instruction

Math: Data analysis, graph creation, data collection

Resources

- Tooth Tally Project
- Skype
- Twitter Account
- http://www.meddybemps.com/Frogwart/ToothFairyStory/Index.html
- http://the-office.com/bedtime-story/landie.htm
- http://www.learninggamesforkids.com/health_games_dental.html