

DAIVERSE LEARNING ACTIVITY



Spreadsheet Features and Digital Wellbeing	AUTHOR
This activity aims to create a dynamic and interactive learning environment where students can refine their digital wellbeing habits while practicing spreadsheet features such as functions and graphs.	Evangelia Kontopidi Greece

DAIVERSE FRAMEWORK



[What part(s) of the [Daiverse Framework](#) are covered in the scenario?]

AI TEACHING ASSISTANCE

- Learning Styles Diversity
- Linguistic Diversity
- Cultural Diversity

AI FOR DIFFERENTIATED INSTRUCTION

- Attention and Concentration Enhancement
- Thinking and Reasoning Enhancement
- Memory Boost

AI-DRIVEN ACCESSIBILITY

- Self-regulation Development
- Learning Needs Development
- Speech and Communication Development

AI EDTECH TOOL



[schoolAI](#)

AGE GROUP



14-15 y.

TIMING of ACTIVITY



90 min.

OBJECTIVE(S)



- Apply basic and statistical Excel functions to analyze data: Students will use functions such as `SUM()`, `MIN()`, `MAX()`, `AVERAGE()`, `MEDIAN()`, and `STDEV.S()` to calculate and interpret data effectively.
- Create and interpret visual representations of data in Excel: Students will construct and analyze graphs (e.g., bar, column, and pie graphs) to identify trends and insights.
- Critically analyze data and communicate recommendations: Acting as life coaches, students will evaluate digital wellbeing data, draw conclusions, and present findings with recommendations for healthier digital habits.

DESCRIPTION



PREPARATION

- Develop a Chatbot for home study: Use SchoolAI to create a chatbot that helps students learn Excel functions, including `SUM()`, `MAX()`, `MIN()`, `AVERAGE()`, `MEDIAN()`, `STDEV.S()`, and graph creation. Share the chatbot and study materials via the course management platform (e.g., [eclass.sch.gr](#)).

- Create a Spreadsheet Template: Provide a template for students to log their daily mobile app screen time over one week, using the "Digital Wellbeing" tool on their phones.
- Design an Infographic: Use Napkin AI to summarize key Excel functions and graph types. Print and display the infographic on the classroom wall for reference.
- Prepare a Quiz: Use Diffit (free version) to create a multiple-choice quiz assessing students' understanding of Excel functions and graph creation.

LESSON ACTIVITIES

Lesson 1: Data Entry and Analysis using Functions and Graphs

1. Introduction (10 minutes)

- Discuss the importance of understanding digital habits.
- Present the visual handout of Excel functions.

2. Data Entry (10 minutes):

- Students enter their collected data into the provided Excel template.
- Monitor and assist students as needed.

3. Excel Functions and Graph Creation (25 minutes):

- Guide students in applying SUM, AVERAGE, and MAX functions to their data.
- Students create bar, column, and pie graphs using their data.
- Provide guidance, answer questions and allow students to explore different graph types.

Lesson 2: Collaboration to synthesize findings and discuss digital wellbeing

1. Quiz and Review (10 minutes)

Students take the multiple-choice quiz on Excel functions and graphs.

2. Group Formation and Discussion (10 minutes)

Students form groups of four, analyze their graphs and draw conclusions about their online habits as life coaches.

3. Creating a GAMMA Presentation (10 minutes)

- Each group, collaboratively, creates a presentation in GAMMA with tips for improving digital habits.
- Students refine content using insights from the Google Wellbeing website.

4. Group Presentations (12 minutes)

Each group presents their findings and recommendations to the class.

5. Class Discussion on Digital Wellbeing (3 minutes)

The teacher facilitates a short discussion on takeaways.

ASSESSMENT & FEEDBACK



Immediate feedback through the [chatbot](#)

Monitor students' progress during data entry and function application.

Evaluate students' graphs and their ability to draw meaningful conclusions.

TIPS & RESOURCES



[The chatbot for home study](#)

[Google wellbeing website](#)

[Napkin](#) - a tool to create an infographic to summarize key Excel functions and graph types. It supports multiple languages, including Greek - <https://tinyurl.com/bdee46cx>

[Gamma](#) - a tool for students to create engaging presentations. It supports multiple languages, including Greek - <https://tinyurl.com/4cpaa7xt>

[Diffit](#) - a tool to create multiple-choice quizzes as well as other types of teaching resources. Its free version supports multiple languages, including Greek and allows input from PDF, video, text, article, up to 2500 words.