

Unit 1: Computer Applications
6th Grade Digital Art
15 Classes

Rev. May 2026

Essential Questions
● How can digital tools help us communicate ideas? ● How are computer applications used in school and everyday life?

Enduring Understandings with Unit Goals
EU 1: Students will understand that digital tools can be used to create, organize, and communicate information effectively. ● Create and format documents using Google Docs ● Organize information clearly within digital documents ● Design presentations using Google Slides ● Use spreadsheets to organize and display information ● Apply appropriate digital communication skills ● Present information using multimedia tools EU 2: Students will understand that technology skills support creativity, collaboration, and productivity in school and everyday life. ● Collaborate using sharing and commenting tools ● Practice responsible and appropriate technology use ● Apply basic design principles to digital work ● Use digital tools to solve problems and complete tasks ● Combine creativity and organization in projects ● Develop confidence using computer applications independently

Standards
ISTE 1.1 – Empowered Learner: Students leverage technology to take an active role in choosing, achieving, and demonstrating competency in their learning goals. ISTE 1.3 – Knowledge Constructor: Students critically curate a variety of resources using digital tools to construct knowledge and produce creative artifacts. ISTE 1.6 – Creative Communicator: Students communicate clearly and express themselves creatively using digital tools and media appropriate to their goals.

ISTE 1.7 – Global Collaborator: Students use digital tools to broaden perspectives and work effectively with others.

ISAAC Vision of the Graduate Competencies

Competency 1: Write effectively for a variety of purposes.

Competency 2: Speak to diverse audiences in an accountable manner.

Competency 3: Develop the behaviors needed to interact and contribute with others on a team.

Competency 4: Analyze and solve problems independently and collaboratively.

Competency 5: Be responsible, creative, and empathetic members of the community.

Unit Content Overview

Documents

- Students will develop foundational word processing skills using Google Docs.
- Students will learn how to create, organize, format, and enhance digital documents using text features, images, tables, and collaboration tools.

Slideshows

- Students will explore presentation design and communication skills using Google Slides.
- Students will learn how to combine text, images, layouts, transitions, and design principles to create engaging presentations.

Spreadsheets

- Students will develop introductory spreadsheet skills using Google Sheets.
- Students will learn how to organize data, use basic formulas, and create charts and graphs.

Daily Learning Objectives with *TWPS*

Students will be able to...

- Students will navigate Google Drive and create a Google Doc.
 - *What computer skills are most useful for students?*
- Students will format text and organize a document.
 - *What makes a document easy to read?*
- Students will insert images, tables, and links into a document.
 - *Why do visuals improve communication?*
- Students will collaborate and comment in shared documents.

- *When is teamwork helpful?*
- Students will complete a formatted Google Docs activity.
 - *Why is organization important in digital work?*
- Students will identify features of effective presentations.
 - *What makes a presentation interesting?*
- Students will create slides using layouts, images, and transitions.
 - *Why can too much text hurt a slideshow?*
- Students will apply basic design principles to slides.
 - *What makes slides visually appealing?*
- Students will present information clearly using Google Slides.
 - *How does presentation style affect an audience?*
- Students will enter and organize information in Google Sheets.
 - *Where are spreadsheets used in real life?*
- Students will use basic formulas and functions in spreadsheets.
 - *Why is automation useful?*
- Students will create charts and graphs using spreadsheet data.
 - *Why are charts useful for understanding information?*
- Students will plan their final presentation project.
 - *What information best represents you or your topic?*
- Students will develop and revise their final presentation.
 - *How can feedback improve a project?*
- Students will present completed projects and reflect on learning.
 - *What digital skill improved the most during this unit?*

Instructional Strategies/Differentiated Instruction

- Visual directions and checklists
- Teacher modeling and examples
- Flexible pacing during projects
- Peer support opportunities
- Modified expectations when needed
- Extension activities for advanced students
- Student choice within projects
- Teacher conferencing during work time

Assessments

Formative Assessments

- TWPS discussions
- Exit tickets
- Practice activities
- Teacher observation
- Participation
- Project checkpoints
- Peer feedback

Summative Assessments

- Google Docs formatting assignment
- Google Slides mini presentation
- Google Sheets activity
- Final multimedia presentation project
- Project reflection

Unit Task**Research Presentation:**

Students will create a final multimedia presentation using Google Docs, Sheets, and Slides. Students may choose either an “All About Me” presentation or a research-based presentation. The project will combine skills learned throughout the unit, including document organization, presentation design, image integration, and basic data visualization. Students will present their completed project to the class. (EU 1, EU 2).

Unit Resources

- Google Suite
 - Google Docs
 - Google Slides
 - Google Sheets
- Graphic organizers
- Planning sheets
- Peer feedback forms
- Research resources
- Digital project checklists