

# 5 Tech - Communication and Innovation

Content Area: **Technology**  
Course(s): **Technology Education K, Technology Education 2, Technology Education 3**  
Time Period: **Marking Period 4**  
Length: **10 days**  
Status: **Published**

## Established Goals/Standards

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TECH.8.1.5.A.3	Use a graphic organizer to organize information about problem or issue.
TECH.8.1.5.B.1	Collaborative to produce a digital story about a significant local event or issue based on first-person interviews.
TECH.8.1.5.C.1	Engage in online discussions with learners of other cultures to investigate a worldwide issue from multiple perspectives and sources, evaluate findings and present possible solutions, using digital tools and online resources for all steps.
TECH.8.2.5.C.1	Collaborate with peers to illustrate components of a designed system.
TECH.8.2.5.C.2	Explain how specifications and limitations can be used to direct a product's development.
TECH.8.2.5.C.3	Research how design modifications have lead to new products.
TECH.8.2.5.D.5	Describe how resources such as material, energy, information, time, tools, people and capital are used in products or systems.

## Essential Questions

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Please add your Essential Questions by clicking on the Lists tab above.

- How can I use digital and web-based media to collaborate with others?
- How does the appropriate choice and creative use of media allow for more effective communication?
- How is digital media used to relate information or a story?
- Is there more to the message than meets the eye?

## Enduring Understanding

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Please add your Enduring Understandings by clicking on the Lists tab above.

- Digital Media allows us to collabotate with other people and communities.
- In a world of media, it is important to be a critical user in order to understand the impact of both incoming and outgoing messages.
- The appropriate choice and creative use of media allows us to communicate effectively.

## Content

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Performance Tasks:

- Recording/podcasting: create original poems, folktale, book review or other writing and record recitation using photos, music and images

- use scanned /digital art to contribute to a digital book project
- storyboard and integrate digital images, text, drawings, video to relate a historical event, personal or family story, science issue or online story
- use data to explore a global issue: use real-time data to identify trends and forecast possibilities (e.g.: migration, climate change, ocean temperature changes)
- Use graphic organizer program to brainstorm a topic, explore patterns of growth such as life cycles, compare life "then and now" or create a neighborhood or community map
- participate in a class project with peers through ePals with other schools within or outside of the district
- publish class newscast, wikispace, blog, or newspaper
- take a "virtual field trip" to places such as museums, zoos through websites or video conferencing
- class survey: poll classmates or others on an important issue, analyze data, determine and present conclusion in a collaborative group.

## **Resources**

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San Diego Zoo kids.sandiegozoo.org

Museum of Modern Art virtual tour <http://www.moma.org/interactives/destination/>

Story Bird

Comic Creator

Tagxedo

Power Point

Google Presentation

Glogster

Prezi