EPISODE: Five	**TITLE OF LESSON: Creative Communication & Content Creation**
AUDIENCE: 4-12th Grade	**DURATION:** 60 Minutes

LEARNING OUTCOMES:
• Synthesize information in order to effectively communicate
• Design & create digital elements using Web 2.0 Tools
• Author video & audio content

LEARNING OVERVIEW:
Each episode of QUEST will focus on developing a critical skill that is needed in today's workforce. Students that engage with technology often struggle in the area of communication. Being able to communicate ideas and solutions to problems can sometimes be just as important as the ideas or solutions themselves. This activity will challenge students to thoughtfully communicate a complicated message to a specific type of audience.

This lesson will also utilize concepts drawn from the ISTE Student Standards, specifically standard 6, Creative Communicator.

IN THIS LESSON:
Students will develop their communication skills by being challenged to communicate complex information in a clear and concise way. Students will create a video recording of themselves explaining how to get past the security system challenge they completed in Episode 5 of the Quest Gameplay.

FINAL PRODUCT:
Students create and share a video recording detailing the complex array of actions required to solve the security panel challenge. The video must meet the criteria listed in the video criteria section for it to count.

FACILITATOR RESOURCES:	**ADDITIONAL MATERIALS NEEDED:**
- SLIDES LINK: - Security Panel Answer Key (Pg 43) - Security Panel Link - Instructional Content Video & Video Guide	- Screenapp.io or Chromebook Screen Recorder - Online Voice Recorder (Voice Recording website) - Google Draw (Online Image Creation) - Google Drive (Docs & Slides)

FLOW OF LESSON:
- **Introduce this lesson by asking the students the thought provoking questions listed in the Lesson Intro Section below**
- **Teach your students how to create a Flow Map**
- **Use the slidedeck presentation to highlight a variety of options students can use for creating/acquiring digital elements**
    - **Screen Recording (Creating videos)**
    - **Audio Recording (Creating audio recordings)**
    - **Acquiring photos that can be used in their videos**
    - **Taking Screenshots**
- **Give your students time to capture their flow for solving the security panel in**
- **Allow the students to choose which tool they want to use for their videos and give them time to record their videos**
- **Closing (see activity section)**
    - **Students submit/share video clips**
- **Discussion Questions**

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INTRO:
Begin this lesson by drawing on the knowledge and experiences the students gained by completing the "Security Panel" challenge in the Episode 5 quest gameplay. Direct them to recall their journey by creating a list of the challenges and the successes they had while trying to complete the challenge.

Introduce one or more of the thought-provoking questions:

How would you communicate instructions to other team members who had to complete this challenge as well?
What information would they need to know?
What would be the best way for you to communicate the information to other teams?

INSTRUCTION:
Follow the session flow as listed and use the presentation slide deck to present the materials.

After the instructional content is complete, move on to the activity outlined below this section.

ACTIVITY:
Overview:
- If your classroom has just completed the Episode 5 gameplay they will have completed the Security Panel challenge (one of the more difficult challenges in this season). The only thing that is potentially more difficult than the challenge itself would be trying to communicate how they solved the challenge to others. That is the premise of this activity
- To complete this activity tribes will have to generate an accurate flow map of the sequence they used to solve the challenge. Then the students must create a video that clearly describes the complex array of actions that they took to be able to complete the challenge

Objective:
Create a video demonstrating the complex array of actions that must be done to complete the Security panel challenge.

Video Criteria:
- Must include step by step directions on how to solve the security panel challenge
- Must have images or videos of the security panel challenge
- Must have digital objects created by your team
- Must have input from every team (tribe) member

Activity Set Up:
- Provide the students with a few laptops (or any devices with internet access) in each group

Activity Step 1:
- Begin this activity directly after the instructional content has finished
- Allow the students to create a rough flow map that details the steps they took to solve the Security Panel Challenge in Episode 5

- This will require the students to practice the solutions using the security panel website (see link in facilitator resources section)

Activity Step 3:
- Once their flow map is complete, instruct them to double check it for accuracy and ask them to practice talking through the flow map in their groups so that when they record their final video, their verbal communication will be refined & concise

Activity Step 4
- Challenge the students to create digital elements that support their directions. Here is where they pull on what they learned from the instructional content as it relates to screenshots, screen recordings, drawing & and other digital element creation methods

Activity Step 5
- Allow the students to Create their videos and share them with you
- The video should be no longer than 3 minutes long

Example:
- [Link](#)

CONCLUSION:
Allow the students to listen to other teams' recordings and discuss their feedback on how the other groups communicated their instructions for solving the challenge.

Vocabulary
- **Digital Object - a unit of content that exists in the form of digital data**
- **Flow Map - a diagram of the sequence of movements or actions in a complex process or activity**

DISCUSSION QUESTIONS:
- **How did the flow map help you communicate your point? (Accept all appropriate responses)**
    - **Possible responses might include.**
        - **It helps me keep everything sequential**
        - **Made sure I didn't miss anything**
        - **Provided visual clarity**
- **What other ways can using a flow map help?**
- **What was the hardest part about communicating your information?**
    - How did you overcome these challenges?

Differentiation Tips:
The goal of differentiation is to give every student access to understanding or solving a problem. We do not want to take away the opportunity to think through the challenge, rather give them the scaffolding necessary to reach their own conclusions.
- Give your students the following information: There are only 5 steps to complete this challenge. This will give them more framework but still require them to think through and discover the answers.
- Give students much more time to solve the security puzzle.
- Segment Activity Step 1 into different parts and walk the students through each part of the 5 steps required to solve the Security Panel Challenge.
- Spend additional time teaching the students how to create screenshots if they are struggling with that component.