

Subject Area: Technology and Design
Unit Title: Designing and Creating Visual Presentations to Share Interests with Peers
Grade Level: 4
Lesson Number: 1 of 10

Duration: 60 minutes
Date: March 10, 2024
Teacher: Ms. Jane Smith
Room: Computer Lab

Curriculum Standards Alignment

Content Standards:

- Students will be able to analyze the design principles of a visual presentation.
- Students will be able to create a visual presentation that effectively communicates their interests to their peers.

Skills Standards:

- Students will be able to use digital tools to create a visual presentation.
- Students will be able to evaluate the effectiveness of their own and their peers' visual presentations.

Cross-Curricular Links:

- Language Arts: Students will be able to write a clear and concise script for their presentation.
- Art: Students will be able to use design principles to create a visually appealing presentation.

Essential Questions & Big Ideas

Essential Questions:

- What are the key elements of a effective visual presentation?
- How can I use design principles to enhance the visual appeal of my presentation?

Enduring Understandings:

- Students will understand the importance of design principles in creating effective visual presentations.
- Students will be able to apply design principles to create a visually appealing presentation.

Student Context Analysis

Class Profile:

- Total Students: 25
- ELL Students: 5
- IEP/504 Plans: 3
- Gifted: 2

Learning Styles Distribution:

- Visual: 40%
- Auditory: 30%
- Kinesthetic: 30%

Pre-Lesson Preparation

Room Setup:

- Arrange computers in a way that allows students to work in pairs.
- Ensure all computers have the necessary software and internet access.

Technology Needs:

- Computers or laptops with presentation software.
- Internet access.

Materials Preparation:

- Presentation templates.
- Design principle websites and online resources.

Safety Considerations:

- Ensure students understand the importance of cyber safety and online etiquette.

Detailed Lesson Flow

Introduction (10 minutes)

- Introduce the topic of designing and creating visual presentations.
- Ask students to share their favorite hobbies or interests.

Design Principles (15 minutes)

- Introduce the concept of design principles.
- Show examples of effective and ineffective presentations.

Engagement Strategies:

- Think-pair-share.
- Group discussion.

Presentation Tools (15 minutes)

- Introduce various presentation tools.
- Demonstrate how to use the tools.

Checking for Understanding:

- Formative assessment.
- Peer feedback.

Creating Presentations (30 minutes)

- Have students work in pairs to create their presentations.
- Encourage students to use design principles to make their presentations visually appealing.



Sharing Presentations (15 minutes)

- Have each group share their presentation with the class.
- Encourage peer feedback and discussion.

Conclusion (10 minutes)

- Summarize the key learning objectives and outcomes.
- Ask students to reflect on what they learned.

Differentiation & Support Strategies

For Struggling Learners:

- Provide additional support and guidance.
- Offer one-on-one instruction.

For Advanced Learners:

- Provide additional challenges and extensions.
- Encourage students to create more complex presentations.

ELL Support Strategies:

- Provide visual aids and graphic organizers.
- Offer bilingual resources and support.

Social-Emotional Learning Integration:

- Encourage students to reflect on their learning and set goals.
- Teach students how to provide constructive feedback.

Assessment & Feedback Plan

Formative Assessment Strategies:

- Observe students during the design and creation process.
- Review student presentations for understanding.

Success Criteria:

- Students will be able to analyze the design principles of a visual presentation.
- Students will be able to create a visual presentation that effectively communicates their interests to their peers.

Feedback Methods:

- Peer feedback.
- Self-assessment.

Homework & Extension Activities

Homework Assignment:

Have students create a visual presentation about their favorite hobby or interest.

Extension Activities:

- Have students create a video or podcast about their presentation.
- Encourage students to share their presentations with the school or community.

Parent/Guardian Connection:

Encourage parents/guardians to ask their child about their presentation and provide feedback.

Teacher Reflection Space

Pre-Lesson Reflection:

- What challenges do I anticipate?
- Which students might need extra support?
- What backup plans should I have ready?

Post-Lesson Reflection:

- What went well?
- What would I change?
- Next steps for instruction?

Introduction

Designing and creating visual presentations is an essential skill for 9-year-old students to develop, as it enables them to effectively communicate their ideas and showcase their passions. This lesson plan aims to provide students with a comprehensive understanding of the design principles and technical skills required to create effective visual presentations.

Lesson Objectives

- Students will be able to analyze the design principles of a visual presentation, identifying the use of color, texture, and layout, and explaining how they contribute to the overall effectiveness of the presentation.
- Students will be able to create a visual presentation that effectively communicates their interests to their peers, using a variety of digital tools and multimedia elements.
- Students will be able to evaluate the effectiveness of their own and their peers' visual presentations, providing constructive feedback and suggestions for improvement.

Materials and Resources

- Computers or laptops with presentation software (e.g., PowerPoint, Google Slides, or Prezi)
- Digital cameras or smartphones
- Internet access
- Whiteboard and markers
- Presentation templates
- Design principle websites and online resources

Lesson Plan

Introduction (10 minutes)

1. Introduce the topic of designing and creating visual presentations, and ask students to share their favorite hobbies or interests.
2. Discuss the importance of visual presentations in everyday life, highlighting how they can be used to convey information, express ideas, and showcase talents.
3. Show examples of different types of visual presentations, such as videos, infographics, and slide shows, and ask students to identify which ones they find most appealing and why.

Design Principles (15 minutes)

1. Introduce the concept of design principles, such as color, texture, and layout, and explain how they can be used to enhance the visual appeal of a presentation.
2. Show examples of effective and ineffective presentations, asking students to identify the design principles used.
3. Use a graphic organizer to help students organize their thoughts and ideas.

Differentiated Activities for Mixed-Ability Groups

Beginner Activity: Simple Presentation

Instructions: Create a simple presentation using a presentation tool, including a title slide, two content slides, and a conclusion slide. Use images and text to enhance the visual appeal of your presentation.

Intermediate Activity: Multimedia Presentation

Instructions: Create a multimedia presentation using a presentation tool, including a title slide, three content slides, and a conclusion slide. Use images, videos, and audio files to enhance the visual appeal of your presentation.

Advanced Activity: Interactive Presentation

Instructions: Create an interactive presentation using a presentation tool, including a title slide, four content slides, and a conclusion slide. Use images, videos, audio files, and hyperlinks to enhance the visual appeal of your presentation.

Assessment and Evaluation

Formative Assessment

Observe students during the design and creation process, noting their strengths, weaknesses, and areas of difficulty.

Summative Assessment

Evaluate student presentations using a rubric that assesses design, content, and delivery.

Peer Feedback

Have students provide feedback to their peers using a feedback form or a think-pair-share strategy.

Conclusion

Designing and creating visual presentations is an essential skill for 9-year-old students to develop, as it enables them to effectively communicate their ideas and showcase their passions. This lesson plan provides students with a comprehensive understanding of the design principles and technical skills required to create effective visual presentations. By incorporating differentiated activities for mixed-ability groups, teachers can ensure that all students are engaged and challenged according to their individual needs.