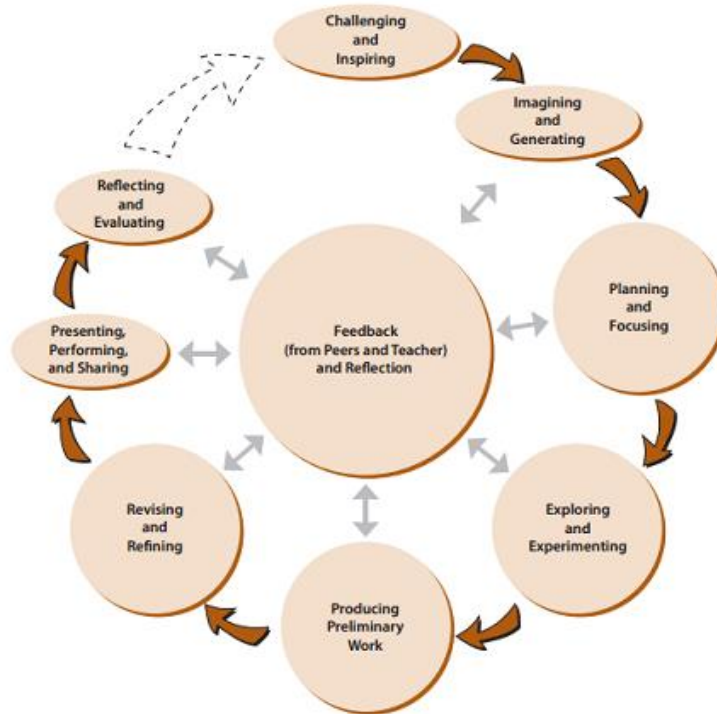


Plan: How can I help prepare students and myself for a great day of learning?

The **Light and Sound Digital Art** program is designed to enrich student understanding of Creative Process (p. 20) by bringing the Grade 4 Arts and Science Curriculum to life through a hands-on, learning experience at Forest Valley Outdoor Education Centre.

The Creative Process



Curriculum Connections:

- [Science and Technology, Understanding Matter, Light and Sound \(pp. 90-92\)](#)
- [The Arts, Visual art \(pp. 106-108\)](#)

Some guiding questions to support effective field trip planning:

- Why did you choose our **Light and Sound Digital Art** Program?
- What are the curriculum connections?
- How does it integrate into your classroom program?
 - Is the field trip going to act as a “minds on” engagement where students formulate questions for inquiry?
 - Is the field trip an opportunity for students to gather evidence for an inquiry already in progress?
 - Is the field trip a culminating experience for students to apply their learning?

Possible Pre-Trip Experiences

- explore and investigate the principle of emphasis using various art mediums
- investigate the basic properties of light and sound
- design, build and test a periscope, a musical instrument or an amplifier
- begin a Know, Wonder, Learn (KWL) chart about light and sound to bring with you to Forest Valley

- use Google Images to search for examples of digital photography that captures local nature (i.e. search “ontario spring nature photography”)
- analyse orally and then in writing how the photographer used emphasis and the elements of design to capture the image
- have students translate a photograph into another artistic medium (pencil, charcoal, pastel etc.) to show emphasis

TDSB Web Resources (note, these may only be accessible through a TDSB computer):

- [MediaNet](#) (Library & Learning Resources: Grade 4 - Science and Technology, Understanding Matter and Energy, Light and Sound)
- [TDSB's Virtual Library](#).