

Act – What will our Learning Experience at Forest Valley Look Like?

Each field trip to Forest Valley is designed to be a complete **Inquiry Learning Cycle** that can integrate with previous learning and ignite further learning back at school.

This **Inquiry Learning Cycle** is based on the inquiry processes found in the [Kindergarten Curriculum \(p. 15\)](#), [Social Studies 1-6, History and Geography 7 and 8 \(p. 22\)](#) and [Science and Technology 1-8 \(pp. 12-18\)](#), The Creative Process [Arts \(pp. 19-22\)](#), Achievement Criteria [Language \(pp. 17-18\)](#) and the Problem Solving Model [Mathematics \(pp. 12-13\)](#).

Conservation of Energy (*activities will vary depending on weather, class readiness and availability)

- 1. Get me interested- *Engagement- Formulate Questions***
 - Students compare and contrast human use of energy and resources (e.g. mini waste audit) with a natural example of how nature uses energy and resources
 - Ask the framing question: What can nature teach us about conservation of energy and resources?
- 2. Let me explore- *Exploration- Gather and Organize***
 - Explore Forest Valley looking for natural and human uses of energy and how it moves through the eco system
- 3. Give me a chance to apply my learning- *Investigation- Interpret and Analyse***
 - Apply our learning from nature to an Eco action that conserves energy and resources (e.g. working at our compost station, conducting a mini waste audit, forest management)
- 4. Let me talk about my learning- *Debrief- Evaluate and Draw Conclusions***

Let me plan what I want to learn next- *Communicate*

For more information on inquiry learning from the Literacy and Numeracy Secretariat please read these monographs from the Capacity Building Series:

[Inquiry Based Learning](#)

[Getting Started With Student Inquiry](#)