

Pre Visit Activities

- Begin a Know, Wonder, Learn (KWL) chart about eco-systems and human impact to bring with you to Forest Valley
- Explore the school grounds/local community and make a list of abiotic and a list of biotic elements and brainstorm the possible connections
- Research, design and construct a model eco system in the classroom (a composter, terrarium, or greenhouse) and label it with the appropriate scientific vocabulary
- Analyse the cost/benefit of one of the Eco initiatives already happening at your school (e.g., recycling, energy conservation) and make a recommendation to the Eco Schools Committee to improve based on the data
- Research the environmental impact of mobile technology
- Investigate a local occurrence that impacts your school's eco system (e.g., invasive species, pollution, lack of biodiversity in the school yard) and decide on an eco action

Post Visit Activities

- Continue Know, Wonder, Learn (KWL) chart about eco-systems and human impact back in the classroom to continue the scientific inquiry
- Explore the school grounds/local community and make a list of abiotic and a list of biotic elements and brainstorm the possible connections
- Research, design and construct a model eco system in the classroom (a composter, terrarium, or greenhouse) and label it with the appropriate scientific vocabulary
- Analyse the cost/benefit of one of the Eco initiatives already happening at your school (e.g., recycling, energy conservation) and make a recommendation to the Eco Schools Committee to improve based on the data
- In collaboration with Eco Schools and students develop a campaign to improve the local eco-system (e.g., planting native trees, shrubs or grasses to attract more diverse population)
- Research the environmental impact of mobile technology
- Create a dramatic performance of the interactions in an ecosystem
- Discuss how our learning about ecosystems relates to other systems (e.g., manufacturing, a classroom, a company)