



**Distance Learning Lesson Plan**  
**Exploring the World of Banana Slugs**

Grade Level: 2-5

**NGSS Standards**

- **LS1.A: Structure and Function**
- **LS1.D: Information Processing**
- **LS2.A: Interdependent Relationships in Ecosystems**
- **LS4.C: Adaptation**

**Purpose and Learning Objectives:**

**Banana Slug Adaptations**

Animals and plants have evolved remarkable adaptations to help them survive and thrive in Bay Area ecosystems. Filoli's Nature Preserve is a unique setting to explore these interactions because of the great variety of natural and human-made plant communities. These include agricultural fields, a formal garden, grasslands, oak woodlands, redwood forests, chaparral, and riparian zones. In this lesson, we will be exploring how banana slug adaptations help them survive in the redwood forest habitat.

**Driving Question for This Lesson:**

- Primary: How does slime help a banana slug thrive in the redwood forest?
- Secondary: What type of conditions does a banana slug need to live in so it can survive? What body parts/characteristics does a banana slug have that helps it to stay safe?

**Vocabulary:**

- Adaptation
- Evidence
- Habitat
- Natural Community

- Nutrients
- Organisms
- Plant Community
- Predator
- Prey

**Materials:**

- Written lesson
- Video (embedded in PDF)
- Activity pages