

📅 Assignment Series #2 – STEAM 📅

🌲 🌲 🌲 *Forest Ecosystem On Stage* 🌲 🌲 🌲

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Using the [Forest Explorer](#) and [Stage Production Simulator](#) GPTs, create a 5-minute educational play about a selected forest ecosystem and its potential disturbances. The play should use theatrical storytelling to teach an audience about the ecosystem's organisms, environmental conditions, food webs, interactions, and ecological challenges.

Students will develop a script, visuals or staging concepts, and a production plan that show both biological understanding and creative interpretation.

1. Using course material or an OER textbook such as [OpenStax's Biology 2e](#), select and describe your chosen forest ecosystem, including:
  - location
  - climate
  - major plant species
  - major animal species
  - important abiotic factors
2. Choose one disturbance, such as wildfire, logging, invasive species, drought, or climate change. Explain:
  - what the disturbance is
  - how it alters the ecosystem
  - which organisms are affected
  - whether effects are immediate, long-term, or both

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3. Determine your audience and message. Plan the key concepts about your forest ecosystem and the potential disturbance that you want your play to convey. What ideas do you want to teach your audience? Use the [Forest Explorer](#) to ensure your biological content is accurate and engaging.
4. Working with the [Stage Production Simulator](#), write a 5-minute script for your play. The [Stage Production Simulator](#) can coach you through the scriptwriting process step by step (e.g., developing characters, dialogue, and scenes).
5. Working with the [Forest Explorer](#), create visuals of your forest that will be incorporated into your play's set. (For instance, as projections or painted set pieces).
6. Working with the [Stage Production Simulator](#), determine where your play will be performed, plan the resources needed, and write a production schedule.
7. Present your ideas in a multimedia presentation (8-12 slides). In the presentation:
  - Describe your play and the concepts that you are teaching
  - Show your visuals
  - Explain your plan to produce the play
  - Include a slide discussing how the GPTs informed your thinking, what prompts worked best, and what references or examples you used
  - Ask the [Forest Explorer](#) and [Stage Production Simulator](#) to provide citations using APA
  - Include a slide with the GPTs' APA-style citations
8. Submit:

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\*As always, if you find the GPT using Wikipedia, please remind it that the GPT instructions say no Wikipedia.