

Teacher's Guide

"Forest Ecology"

Chattahoochee
NATURE CENTER

Where Nature Comes Alive!



Grade Level:
7th

GSE Reference:
S6E6 b;
S7L4 a, b, c, d;
SEV2 c, d;
SB5a, b, c, d

Summary:

Students will examine the relationships among forest organisms and the environment.

Objective:

Students will define the characteristic components of a forest and describe relationships found there. Students will recognize relationships and make logical predictions.

Essential Questions

- What role do forests play in the ecosystem?
- What would happen if our forests were changed or lost?
- How do human actions affect forests?
- How do forests change over time?
- What species are dependent on forests?

Vocabulary

- 📖 *Ecosystem*—A natural system of interactions among organisms and their environment.
- 📖 *Forest Layers*—The unique zones making up a forest, including canopy, understory, shrub, herbaceous, and litter layers.
- 📖 *Forest Succession*—The gradual progression from a disturbed area to a stable climax forest.
- 📖 *Climax Forest*—Forest in which trees tend to be replaced by their offspring rather than by other species.

Pre-Visit Activities

- 📖 Read a book from the suggested reading list



Post visit activities

2-3 Activities, same criteria as Pre-visit activities.

Suggesting Reading

From provided list or find other appropriate titles, 3 or more, but not an exhaustive list :)

Suggested Websites

QUALITY websites and sources!

Further Investigations!



Describe activity as it would be seen from a student's perspective. Activity should be something that would not be considered a "worksheet" but more of a mini-project, reflection by writing or drawing, etc.