

## Objective

By the end of this lesson, Georgia will have a comprehensive understanding of chameleons, including their habitats, behaviors, and unique adaptations. She will also engage in creative activities that enhance her learning experience and appreciation for these fascinating reptiles.

## Materials and Prep

- Notebook and pen for note-taking
- Access to the internet for research (if available)
- Art supplies (colored pencils, markers, or crayons)
- Printed images of various chameleon species (optional)

Before the lesson, ensure Georgia has a comfortable workspace and access to any digital resources needed for research. Familiarize yourself with basic chameleon facts to guide discussions.

## Activities

### • Chameleon Research Project:

Georgia will choose a specific chameleon species to research. She will gather information on its habitat, diet, and unique characteristics. This can be presented in a written format or as a visual poster.

### • Color Change Experiment:

Discuss the reasons why chameleons change color. Georgia can create a color wheel and illustrate how emotions and environmental factors influence color change in chameleons.

### • Creative Drawing:

Georgia will draw her favorite chameleon species in its natural habitat. Encourage her to include details about the environment and any other animals that might coexist with chameleons.

### • Chameleon Role Play:

Georgia can take on the role of a chameleon for a short skit. She can demonstrate how a chameleon adapts to its environment and interacts with other creatures.

## Talking Points

- "Chameleons are not just color-changing lizards; their color change serves multiple purposes, including communication and camouflage."
- "Did you know that chameleons have a unique way of moving their eyes independently? This helps them spot predators and prey simultaneously!"
- "The largest chameleon species, the Parson's chameleon, can grow up to 27 inches long! Imagine how impressive that would be in the wild!"
- "Chameleons primarily eat insects, but some larger species can also consume small birds or other reptiles."
- "The ability to change color is a fascinating adaptation. It can reflect their mood, temperature, and even social status within their species."