

## Objective

By the end of this lesson, you will be able to explore the world of moths through art, English, and math activities.

## Materials and Prep

- Paper
- Pencils and coloring materials
- Ruler
- Internet access for research
- No prior knowledge needed, just your interest in moths!

## Activities

- **Art:** Create a detailed drawing of a moth you find fascinating. Use colors to make it realistic or get creative with vibrant patterns.
- **English:** Write a short story or poem inspired by moths. Describe their beauty, habits, or even create a fictional story involving a moth as a character.
- **Math:** Measure and compare the wingspans of different moth species. Calculate the average wingspan and create a graph to represent your findings.

## Talking Points

- **Moth Diversity:** "Did you know there are over 160,000 species of moths worldwide? Each one is unique in its appearance and behavior."
- **Camouflage:** "Moths use camouflage to blend into their surroundings and avoid predators. Some even mimic other insects to stay safe."
- **Nocturnal Creatures:** "Most moths are nocturnal, meaning they are active at night. Their sensitive antennae help them navigate in the dark."
- **Life Cycle:** "Moths go through a complete metamorphosis, starting as eggs, then caterpillars, pupae, and finally emerging as beautiful adults."