

Animal Crafts & Science with Stephen

Instructions:

Check out this sample lesson plan and activity ideas for inspiration, ideas, and more. Feel free to edit, delete, or highlight to make it your own! These notes are yours to customize. They will not be published anywhere such that you're held to teaching exactly what's here.

Topics

Animals, crafting, science, art, stem

Lesson Ideas

Lesson Title

Animal Crafts & Science

Duration

1 Hour

Lesson Plan

1. Introduction (5 minutes)

- Greet the students and introduce the theme: Animals and how they inspire both science and art.

2. Animal Exploration Discussion (10 minutes)

- Highlight a few interesting animals and their unique behaviors or adaptations.
- Discuss how scientists study these animals in the wild or in laboratories.

3. Crafting Animal Masks (20 minutes)

- Explain and demonstrate how to make an animal mask using the provided materials.

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- Allow students to choose an animal to create.
- Assist students as they craft and decorate their masks.

4. Science Connection (10 minutes)

- Discuss how the chosen animal survives in its habitat.
- Explain the scientific elements like adaptation, habitat, and food habits.

5. Reflection & Sharing (10 minutes)

- Allow students to share their masks and a fun fact about their selected animal.
- Engage in a short discussion about their favorite part of the activity.

6. Clean-Up (5 minutes)

- Guide students to clean their spaces and put away materials.

Materials List

- Construction paper
- Scissors
- Glue sticks
- Crayons, colored pencils, or markers
- Elastic bands or string
- Animal printouts or examples for inspiration
- Tape

Adaptations for Different Ages

- Younger children: Simplify the mask designs; provide pre-cut templates.
- Older children: Challenge them to create more detailed masks and write a brief report on the animal's scientific adaptations.

Movement Break

- Animal Charades (5 minutes)
 - Ask students to mimic the movements of different animals while others guess which animal it is.

Bonus Activities

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- Create a collaborative class mural depicting a large habitat scene using scraps of leftover material from the craft activity.
- Introduce a short video clip about a particular animal and its habitat to enrich the learning experience.

Series Outline

****Week 1: Introduction to Animal Habitats****

- Create dioramas of different animal habitats using recycled materials.
- Match animals to their correct habitats through a matching card game.
- Discuss the importance of habitats and watch a short documentary on various ecosystems.

****Week 2: Birds and their Beaks****

- Craft bird beaks using clay and experiment with picking up different sized objects.
- Compare and contrast beak shapes of various birds using pictures or models.
- Arrange a bird-watching trip in a local park or garden.

****Week 3: Insects and their Life Cycle****

- Create paper plate life cycle diagrams of butterflies and beetles.
- Design insect homes using craft sticks or straws.
- Observe live insects in a terrarium and document their activities.

****Week 4: Ocean Animals and Conservation****

- Build sea animal models with clay and learn about their adaptive features.
- Discuss ocean pollution and create marine-themed art using non-toxic materials.
- Participate in a virtual tour of an aquarium to see sea animals in action.

****Week 5: Mammal Families and Their Young****

- Make family trees of various mammals with pictures and basic information.
- Create artwork inspired by famous mammal-centered pieces from art history.
- Simulate a mammal parent caring for its young through role-play activities.

****Week 6: Reptiles and Amphibians****

- Design and paint rocks as different reptiles and amphibians.
- Learn about their habitats and behaviors through interactive story sessions.
- Build model terrariums for reptiles using shoeboxes and natural materials.

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****Week 7: Animal Communication and Senses****

- Create simple animal masks to explore how animals communicate using sound and sight.
- Listen to and identify animal sounds, then match them with the correct animal.
- Engage in sensory activities to understand the heightened senses of different animals.

****Week 8: Dinosaurs and Fossils****

- Construct dinosaur bone models using pasta shapes and glue.
- Create fossil imprints with clay and natural objects.
- Dig for "fossils" in a sandbox using brushes and small tools.

****Week 9: Animal Adaptations and Survival****

- Design posters that showcase unique animal adaptations for survival.
- Role-play as animals adapting to changes in the environment.
- Watch a documentary on natural selection and discuss key points.

****Week 10: STEM Exploration and Animal Robotics****

- Build simple moving animal robots using STEM kits and materials.
- Organize a showcase where kids present their robotic animals and explain their functions.
- Reflect on the entire series and create a scrapbook documenting their favorite moments and learnings.

For additional support, reference this [experience outline template](#) which includes tips and prompts to help you develop and lead an excellent Grasshopper Kids experience.

Note: This lesson plan outline was drafted by Hopper. If you would like to see different results, you can [submit another idea](#), or text us with feedback so we can work to make the algorithm better. We built this tool to help save you time in bringing more kids enrichment experience ideas to life!

