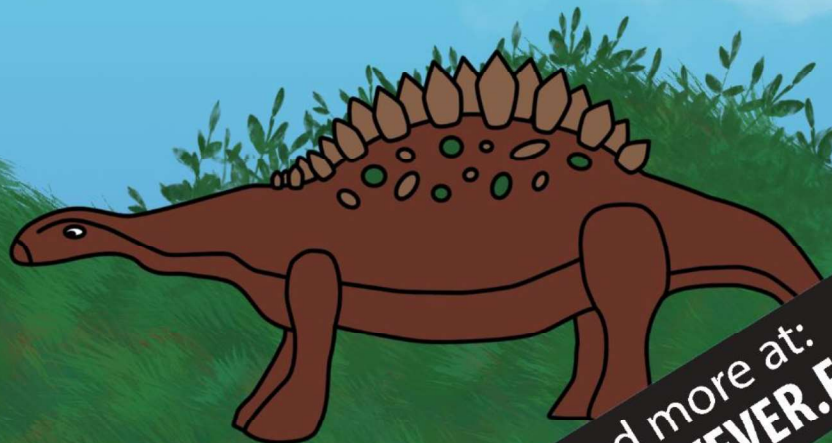
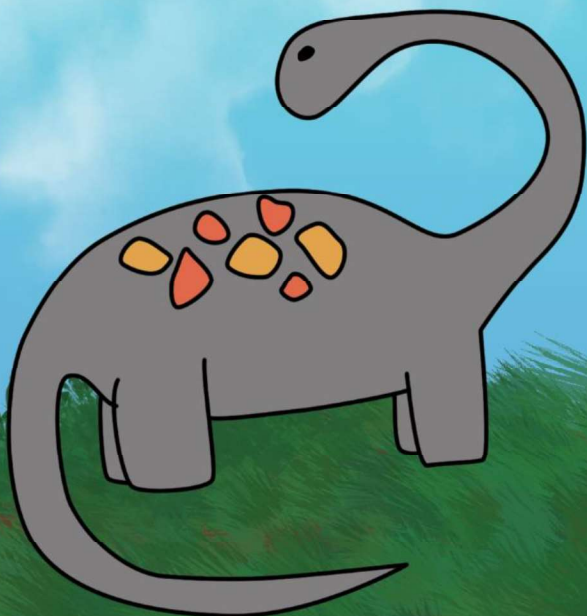
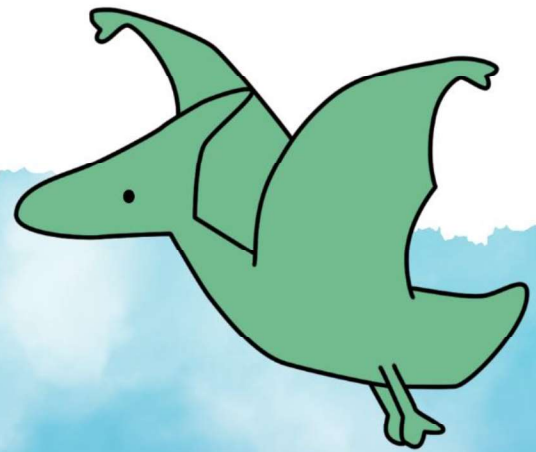


# DINO DISCOVERY

5 DAYS OF AFTER SCHOOL LESSON PLANS  
GRADES K-5

**BEST  
DAY  
EVER!**



Find more at:  
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# DINO DISCOVERY

Step back in time and embark on an incredible journey to the age of dinosaurs! Students will enjoy a week of after-school activities where these budding paleontologists will explore the fascinating world of prehistoric giants! Key learning concepts will be fun and exciting as discoveries are made and games are played! While the lesson plan incorporates many different Pennsylvania Learning Standards, children will engage in specific activities that meet the PA Standard Areas of Science, Social Studies, Health, Wellness, and Physical Development, and Visual Arts.

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## SCHEDULE

### DAY 1: MAKER MONDAY

DINO FACTS AND FOSSIL FORMATION 30 MINUTES

### DAY 2: STEM TUESDAY

DIGGING FOR DINO BONES 30 MINUTES

### DAY 3: AROUND THE WORLD WEDNESDAY

INTERACTIVE DINO MAP 30 MINUTES

### DAY 4: ARTSY THURSDAY

PTERODACTYL PUPPETS 30 MINUTES

### DAY 5: FIT FRIDAY

DINO DODGE 30 MINUTES

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# MATERIALS LIST

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- Air-drying clay
- Permanent markers
- Paper towels or napkins
- Leaves, such as ferns (real or artificial)
- Plastic dinosaur figurines (small & large)
- Plastic forks
- Plastic child-sized pincers or tweezers
- Dry coffee grounds, soil, or sand
- Fluffy paintbrushes
- Broken toothpicks (one box of toothpicks recommended)
- White coffee stirrers, cut to various short-length pieces
- Small storage bins or wash basins (1 per group)
- Plastic tablecloths
- Liquid glue
- Large world map
- Educational books or printouts about dinosaurs
- Computers or electronic tablets for students to use for research
- Scissors
- Hole punch
- Clear sticky tape
- Cardstock (optional)
- Yarn (3-feet per child)
- Wooden craft sticks
- Pencils
- Index cards or notebook paper (1 per group)
- Digging for Dino Bones (provided in Additional Resources)
- Pterodactyl Puppet craft (Additional Resources)

# DAY 1: MAKER MONDAY

## DINO FACTS AND FOSSIL FORMATION

### ACTIVITY/CONCENTRATION

#### Description of Activity:

- **STEP 1:** Introduce the week's theme by **roaring** at the students! Can they guess what animals they'll be studying this week? Dinosaurs!
- **STEP 2:** Share the video by scanning the QR code below with your smartphone camera to give students a brief background about dinosaurs.
- **STEP 3:** Tell the students they will be making their own fossils today. Fossils come not only from dinosaur bones, but from plants as well.
- **STEP 4:** Provide each student with a small portion of air-drying clay. Have them form a flattened circle (think hamburger patty). Then allow them to choose from small dinosaur figurines or plant leaves to press firmly into the clay.
- **STEP 5:** Have the students write their name on a paper towel or napkin, then place the fossils on their labeled towel to dry overnight. Use a permanent marker to write initials or names on the back once they are completely dry.



Figure 1: Dinosaurs for Kids: Learn about History, Fossils, Extinction, and More!



### DURATION/SCHEDULE

30 minutes



### MATERIALS

- Air-drying clay
- Permanent markers
- Paper towels or napkins
- Leaves, such as ferns (real or artificial)
- Small plastic dinosaur figurines



### LEARNER MODIFICATIONS

# Pterodactyl Puppet

