

## PREPARING YOUR STUDENTS FOR SCIENTISTS IN ACTION: FROM *T. REX* to TURKEY

1. Watch one or both of these videos about the science we will explore during this program.
  - The Dinosaur on Your Dinner Table (11 minutes): <https://youtu.be/gQJHuG1Byj0>
  - Did Dinosaurs Really Go Extinct? (7 minutes): [https://www.youtube.com/watch?v=3\\_RLz0whDv4](https://www.youtube.com/watch?v=3_RLz0whDv4)
2. Watch these videos about our featured scientists, ornithologist Dr. Garth Spellman and paleontologist Dr. Joe Sertich.
  - Garth: <https://vimeo.com/257024783>
  - Joe: <https://science.dmns.org/museum-scientists/joseph-sertich/> (select the “videos” tab at the top of the page)
3. Have your students work in small groups to develop questions for our scientists. Use these tips to encourage critical thinking:
  - Explore your reaction to the videos. What surprised you? What new questions arose?
  - Ornithologists and paleontologists use many methods to study prehistoric and modern species, and to make comparisons between animals across time. Try to think of questions about these tools and strategies.
  - Avoid questions that can be answered with *yes* or *no*.

## IF YOU WANT TO DIG DEEPER...

1. Explore the evolution of a trait dinosaurs might have shared with modern birds with an interactive game from Cornell University: <https://academy.allaboutbirds.org/features/all-about-feathers/>
2. Check out a wealth of classroom resources about evolution (and more) from the National Science Teaching Association. Filter by grade and core discipline, too! <https://ngss.nsta.org/classroom-resources-results.aspx>
3. Download a free app to identify living dinosaurs in your area:
  - Merlin Bird ID from Cornell University: <https://merlin.allaboutbirds.org/>
  - The Audubon Bird Guide from National Audubon Society: <https://www.audubon.org/app>
4. Learn more about dinosaurs with paleontology classroom resources from the National Park Service: <https://www.nps.gov/subjects/fossils/educational-activities.htm>