

LEADER

CUB SCOUT MEETING GUIDE

DINOSAURS



PRE-MEETING EMAIL

SEND 1 WEEK PRIOR + A REMINDER DAY OF:

Pack (enter #) Families,

Our next meeting is (enter date) at (enter time). Please log-in using this Zoom Code (enter zoom code). I, (enter name), will be the meeting host. Our meeting theme is Dinosaurs! We will cover activities from the following adventures:

Lion: Lion's Honor

Tiger: My Tiger Jungle

Wolf: Digging in the Past

Bear: Fur, Feathers, & Ferns

Webelos: Earth Rocks

Please look at the meeting information (enter hyperlink), to make sure you prep your pre-meeting activities and complete any activities you wish to from home. We will ask the LIONS to share a good deed they did this week, the TIGERS to tell us about their one foot hike, and specifically any birds they saw, the WOLFS to share their dinosaur during the meeting! Remember, DO YOUR BEST and have fun with it!

See you at our meeting,

(Your Name)

ZOOM MEETING TIPS

WHEN SETTING UP YOUR MEETING:

- Prior to meeting:
 - Set up your meeting and email meeting code, only email to those in your Cub Scout Pack, set up a new meeting in Zoom for each meeting, so there is a new secure code
 - Pre-assign other adults to help as co-hosts, ask them to do specific tasks (monitor chat room, help present w/assigned slides)
 - Take a look at the slide deck, you could pre-assign older Scouts to present some slides
- In settings turn off:
 - Annotation (prevents Scouts from writing on screen)
- At beginning of meeting
 - Mute everyone and select "do not let participants unmute themselves"
 - Make additional adults co-hosts
 - You can keep the chat open, but likely you will want to close the chat to "host only", the Scouts tend to spam the chat

TO MAKE THIS MEETING MORE FUN!

- Slide 21: Lions share their good deed
- Slide 22: Tigers share their one foot hike
- Slide 23: Wolves share their imaginary dinosaur
- If you are up for it, ask the Bears and Webelos if they have a rock collection they would like to share at the meeting, add a slide after Slide 11 to share their collections.

SLIDE DECK SCRIPT

SLIDE 1

Welcome to our Cub Scout Meeting! We will start at (enter time).

SLIDE 2

In today's meeting we will learn we will learn about geology, take a dinosaur quiz, learn about extinct and endangered species, and do show and tell with the Wolf's dinosaur drawings and the Tiger's one food hike. Let's start off with a song!

SLIDE 3

(Fossil Rock Anthem video auto-plays) That was a catchy song and a fun way to learn about fossils and geology. But what is geology?

SLIDE 4

Let's break it down. "Geo" means earth and "-ology" is a subject of study or branch of knowledge. So Geology is the science that deals with the earth's physical structure and substances, its history, and the processes that act on the earth and cause it to change over time.

SLIDE 5:

There are three types of rocks: igneous, sedimentary, and metamorphic.

SLIDE 6:

Igneous rocks come from cooled magma or lava from a volcano. From left to right these rocks are pumice, granite, basalt, and obsidian.

SLIDE 7:

Next are Sedimentary rocks. Sedimentary rocks form for the deposit of materials in layers, pressed together over time. From left to right we have limestone, dolomite, shale, sandstone.

SLIDE 8:

And last is Metamorphic rocks. Metamorphic rocks form when rocks are subjected to high heat and pressure. From left to right is gneiss, marble, quartzite, and schist.

SLIDE 9:

Now, let's talk about geological building materials. Here you can see some pictures of things that are made from geological building materials. What geological materials do you see in your everyday life? Raise your hand if you know of a material and I will unmute you to share.

SLIDE DECK SCRIPT

SLIDE 10:

Now let's talk about geological features of Oregon and Washington. Geological features are physical features of the earth's surface like mountains, lakes, and rivers. Can you identify any geological features of the state we live in? (Ask scouts for answers-they could "raise their hand" and unmute or type their answers in the chat box). Some examples could include Mount Hood, Mount St. Helens, Columbia River, Lake Oswego, etc.

SLIDE 11:

Great participation everyone! We've earned a quiz break. Type your answers in the chat. (make sure chat is private, read off the answers as they come in)

SLIDE 12

Dinosaur fossils have been found on every continent on earth, true or false?

SLIDE 16

If you said True, you are correct.

SLIDE 17

Most dinosaurs became extinct during an event that occurred 500 years ago, true or false?

SLIDE 18

If you said false, you were correct. The Cretaceous-Tertiary extinction event, or the K-T event, is the name given to the die-off of the dinosaurs and other species that took place some 65.5 million years ago. In the 1980s, father-and-son scientists Luis (1911-88) and Walter Alvarez (1940-) discovered in the geological record a distinct layer of iridium—an element found in abundance only in space—that corresponds to the precise time the dinosaurs died. This suggests that a comet, asteroid or meteor impact event may have caused the extinction of the dinosaurs.

SLIDE 19

Birds evolved from dinosaurs, true or false?

SLIDE 20

Birds evolved from a group of meat-eating dinosaurs called theropods. These ancient birds looked quite a lot like small, feathered dinosaurs and they had much in common. Their mouths still contained sharp teeth. But over time, birds lost their teeth and evolved beaks.

SLIDE DECK SCRIPT

SLIDE 21

Great job on the quiz everybody! We learned that dinosaurs went extinct 65.5 million years ago. But did you know that many other animals have gone extinct since then? Often animals go extinct because of over-harvesting, pollution, habitat destruction, and the introduction of invasive species. These pictures are three examples of animals that have gone extinct or can no longer be found in the wild. The Pyrenean Ibex went extinct 20 years ago due to over hunting. West African Black Rhino's numbers have dwindled to near extinction because of poaching. And golden toad was declared extinct about 30 years ago most likely because of global warming which caused a fungus to thrive and infect the toads. Can you think of any other extinct animals? Raise your hand if you can, or type them into the chat.

SLIDE 22

There are also many animals that are considered endangered. Endangered species are animals or plants that are at serious risk of becoming extinct. Here you can see the Eastern Gorilla which has been threatened because of a loss of habitat, Blue-throated Macaw is threatened because of human ranching and export, and Amur Leopard which has become near extinct because of poaching. Can you think of any other endangered animals? Raise your hand if you can, or type them into the chat.

SLIDE 23

To wrap up this week's meeting, we have show and tell from the Lions, Tigers, and Wolves.

Slide 24

Starting with the Lions, raise your hand if you want to share the good deed you did for your Lion's Honor Adventure.

Slide 25

Tigers, raise your hand if you want to tell us about your 1 foot hike, we would love to hear about any birds you saw!

Slide 26

Wolves, your turn! Raise your hand if you want to share your dinosaur.

SLIDE 24

What an awesome meeting! Thank you to all our Scouts for participating and having fun together. Make sure to look at the Dinosaur meeting guide to see the Adventure requirements you finished during the meeting and the requirements you can finish at home. See you next time! (Any final announcements)



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