

Explore the land before time! Imagine living in a time when dinosaurs roamed the Earth. What have paleontologists learned about the great beasts that roamed the Earth millions of years ago? Did any dinosaurs live where you do now? Find out what they ate, where they lived, and how they moved. What could we learn of these creatures that lived so long ago? Make a model of a dinosaur or visit a museum where dinosaur fossils can be seen. Make your own “dinosaur footprints” or “fossils” in plaster. Take a “dinosaur scavenger hunt” by going on a hike and looking for things that might have been found during the Jurassic period. This would be a great time to work on the Geology belt loop and pin.

PACK PLANNING

This month the pack meeting will fulfill a Cub Scout’s desire to study dinosaurs. Appoint the following committees for a smooth-running pack meeting:

Site Committee. Make arrangements for a location that will best work for the activities for this month’s theme.

Setup Committee. Dens will need space for their presentations. A table for refreshments will need to be set up.

Discovery Fair Committee. Help with setting up exhibit areas. Exhibits are organized to show the many features of the Jurassic period. Include models and information about different dinosaurs and plant life. Information related to the work of paleontologists will be welcomed, as well as information about what kinds of dinosaurs were local to your area.

Decorations Committee. Making and gathering decorations should begin early to set a prehistoric scene.

Refreshments Committee. Prepare refreshments in advance.

Cleanup Committee. Recruit a committee to help with taking down exhibits and cleaning up the meeting room.

Some of the purposes of Cub Scouting developed through this month’s theme include:

- **Fun and adventure.** Boys have a fascination with dinosaurs. They’ll have fun learning what it was like during the time of dinosaurs.
- **Personal achievement.** A paleontologist studies dinosaurs. Cub Scouts may find that they are interested in becoming paleontologists.

This theme is designed to promote character development by emphasizing these core values:

- **Resourcefulness.** It’s not too late to preserve our natural resources before they become extinct.
- **Respect.** Cub Scouts will develop a respect for dinosaurs and their impact on our lives today.

MEMBERSHIP MOMENT

Dinosaurs are an instant draw for young boys. Have Cub Scouts prepare invitations to invite their friends to learn more about the age of dinosaurs at this month’s Discovery Fair.

Pack Meeting

BEFORE THE MEETING

All committees should arrive early to do their part in setting up for the pack meeting. The setup committee works with the Discovery Fair committee to assure that exhibits are set up properly. Set up tables for the gathering activity, awards, and refreshments. The decorations committee will bring the Jurassic period to life as the room is filled with dinosaur pictures, free-standing dinosaurs, and ferns.

GATHERING

Greeters welcome families as they arrive. Help guests cut their own name tags in the shape of a dinosaur. Have critters and instructions ready for the Tricera-Toss activity (2 APR).

MAIN PART OF THE MEETING

Opening

Conduct the Age of Dinosaurs opening ceremony (2 APR).

Prayer

A preselected Cub Scout comes forward and gives the Gifts prayer (2 APR).

Icebreaker

The assistant Cubmaster leads the audience in the Dinosaur Hunt audience participation story. (Change “Bear Hunt” found in *Group Meeting Sparklers* to “Dinosaur Hunt.”)

Welcome and Introductions

The Cubmaster, wearing a hat and holding a pick, welcomes everyone to

the Jurassic Period. It’s time to sit back and be amazed at what these young paleontologists have learned. Thank all those who have helped with the preparations and setup for the pack meeting.

Song

The pack song leader leads “Millions of Years Ago” (2 APR).

Den Demonstrations

The Discovery Fair committee gives instructions on how the Discovery Fair will take place, including rotation instructions. Highlight each area of the displays and give an overview of what it will cover.

Game

Play Dino Paw Race (3 APR).

Recognition

Present awards using the Digging for Awards (2 APR) or Dinosaur Eggs advancement ceremony (3 APR). Or present a different ceremony from *Cub Scout Ceremonies for Dens and Packs*.

Announcements

Highlight the information in the pack newsletter and remind pack mem-

bers how they receive the information. Encourage participation in any upcoming camping opportunities planned by the pack, the district, or the council.

Cubmaster's Minute

The Cubmaster gives the Paleolithic closing thought (3 APR).

Closing

Six preselected Cub Scouts present The Tale of the Large Dinosaur (3 APR).

Refreshments

Invite families to the refreshments area. The committee serves Dinosaur Bones (3 APR).

Cubmaster Corner

DEN YELL

Having a den yell helps build camaraderie. Yells can be as simple as this one found in *Group Meeting Sparklers*:

Clap your hands! (*Clap three times*)

Stomp your feet! (*Stomp three times*)

Den _____ can't be beat!

Encourage den leaders to have their den create a den yell. Call on each den to give its yell at each pack meeting.

Ceremonies, Games, Songs, Stunts

GATHERING ACTIVITY: TRICERA-TOSS



Materials: ½-inch plywood, paint, string, curtain ring, 12-inch dowel

Enlarge pattern to 8½ by 11 inches. Transfer pattern to plywood or cardboard. Cut out the Tricera-Toss critter, then paint as desired. Drill small hole in head. Tie string to curtain ring. Insert string through drilled hole and tie. Drill hole in the neck and insert dowel.

Boys toss the ring into the air and try to catch it on one of the horns of the dinosaur. The difficulty of the activity will vary depending on the length of the string.

PRAYER: GIFTS

We are thankful for all that has been given to us. Help us to know that our ability to learn and understand is a gift, too.

SONG: MILLIONS OF YEARS AGO

Tune: The Old Gray Mare
Dinosaurs lived millions of years ago,
Long before I was born,
Before my mom and dad!
Dinosaurs lived millions of years ago,
Now, there's nothin' left but bones.
Nothin' left but bones.
Nothin' left but bones.
Dinosaurs lived millions of years ago,
And now they are extinct.

SONG: HAVE YOU EVER SEEN A DINOSAUR?

Tune: Have You Ever Seen a Lassie?
Have you ever seen a dinosaur, a dinosaur, a dinosaur?

Have you ever seen a dinosaur in your neighborhood?

He eats plants and berries,
He's fierce and enormous.

Have you ever seen a dinosaur in your neighborhood?

OPENING CEREMONY: AGE OF DINOSAURS

Setting: Cub Scouts hold signs with names of dinosaurs on them. Each Cub Scout should hold his sign behind his back until his turn to speak.

LEADER: Tonight we are going way back in time to the age of dinosaurs. Since they spent most of their time eating, we thought you should meet some of them and hear what they liked to eat.

CUB SCOUT 1: I am a Brontosaurus and I eat plants. I love salad bars.

CUB SCOUT 2: I am an Iguanodon and I dig in the ground to find food. I wash my hands after every meal.

CUB SCOUT 3: I am a Protoceratops and I'm a grazer. Cows copied my eating habits.

CUB SCOUT 4: I am a Hypsilophodon and I love to eat fruit. My mom never had to tell me to eat five fruits a day.

CUB SCOUT 5: I am a Tyrannosaurus and I eat other dinosaurs. (*The dinosaurs move away from him.*)

CUB SCOUT 6: I am a Cubosaurus and my favorite food is den meeting snacks!

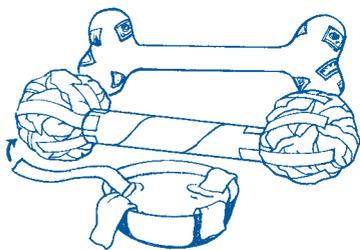
LEADER: Now that we've been introduced, let the pack meeting begin!

ADVANCEMENT CEREMONY: DIGGING FOR AWARDS

Materials: Paper towel or tissue rolls, newspaper, masking tape, flour, water, tempera paint

Preparation: To make papier-mâché bones, crumple several sheets of newspaper into balls, wrapping crumpled sheets with more sheets until the balls are the size you want. Use masking tape

to secure the newspaper balls to the ends of empty paper tubes.



For glue, mix flour and water to consistency of thick gravy. Tear sheets of newspaper into 1-by-4-inch strips. Coat each strip of torn paper with glue mixture. Place on bone shape. Continue process until bones are thoroughly covered with three or four layers. Shape ends while damp, adding more strips as desired to give the ends a bone shape. Let dry thoroughly. Paint as desired. Allow paint to dry. Attach awards to bones.

Presentation: Fill a wheelbarrow, large box, or wading pool with sawdust or packaging peanuts. Have one Cub Scout at a time dig for his award. After each award is found, the assistant Cubmaster hides the next award in sawdust or foam peanuts.

ADVANCEMENT CEREMONY: DINOSAUR EGGS

Materials: Round balloons, newspaper, flour, water, tempera paint, clear packaging tape

Preparation: Make papier-mâché eggs. Make glue by mixing flour and water to the consistency of thick gravy. Blow up balloons and tie. Tear sheets of newspaper into 1-by-4-inch strips. Coat each strip of torn paper with glue mixture. Place on balloon. Continue process until balloon is thoroughly covered. Repeat, covering with a second layer. Let dry thoroughly. Paint as desired. Allow paint to dry.

In each egg, carefully cut three sides of a small rectangle large enough to slide in an award. Seal cut edges with clear tape. Put the award recipient's name on the outside of the egg. Arrange the eggs in a nest.

Presentation: Cubmaster calls up each boy and his parents. Ask them to choose their dinosaur egg and crack it

open. Cubmaster tells audience what is inside each egg. Congratulate the boy with an applause.

GAME

Dino Paw Race

Materials for each team: Two empty cereal boxes for the base of the dinosaur paw, poster board or craft foam for the shape of the paw, scissors, low-temperature glue gun

Reinforce the cereal boxes with duct tape or packing tape as they will become the basis for foot coverings. Cut an opening for the boys to step into. Create dino paw print shape from the poster board or craft foam. Prepare the shape so that it is large enough to overlap the side of the box. Cut out a pair and glue on top of the cereal boxes; cut opening for boys to step inside. Decorate as desired. The dino paw may have feathers, polka dots, or stripes.

Materials for race: Large plastic spoons, plastic eggs

Divide boys into teams. The first boy on each team puts on the team's pair of dino paws. On signal, he picks up the spoon, places the egg on the spoon, and carries it to a designated point and then back to the next person on the team. If the egg is dropped, the player must replace it on the spoon before continuing. When all team members have finished, have them roar like their favorite dinosaur might sound.

CUBMASTER'S MINUTE: PALEOLITHIC CLOSING THOUGHT

Tonight we have talked about dinosaurs. These huge creatures never fail to capture the imagination of everyone who marvels at their size, strength, and way of life. Don't be afraid to use your powerful imagination as you grow and become a part of our future's heritage.

CLOSING CEREMONY: THE TALE OF THE LARGE DINOSAUR

Materials: Pictures depicting each body part

CUB SCOUT 1: I am the head of a large dinosaur. I make sure the dinosaur knows what it needs to do to survive among the other dinosaurs.

CUB SCOUT 2: I am the jaws of the dinosaur. My teeth catch and chew up my meals, whether it's a branch from a tree or a smaller dinosaur.

CUB SCOUT 3: I am the neck of the dinosaur. I make sure the dinosaur can reach high enough to get all the leaves on the tree.

CUB SCOUT 4: I am the body of the dinosaur. I am bigger than the body of any animal that roams the earth today.

CUB SCOUT 5: I am the legs of the dinosaur. I support my huge body and make sure the dinosaur can run fast enough to catch dinner or to keep from being dinner.

CUB SCOUT 6: I am the tail of the dinosaur. Now you have heard the tale of the large dinosaur. And this is the tail end of the meeting, so it's time to go. Good night!

REFRESHMENTS: DINOSAUR BONES

Ingredients:

- 1 loaf frozen bread dough
- ¼ cup margarine
- Herb seasonings

Let dough thaw and allow to rise slightly. Roll dough out. Cut into ½-inch strips. Place in 9-by-13-inch baking pan. Melt margarine. Brush each strip with melted margarine. Sprinkle with herb seasonings. Let rise 1 hour. Bake 15 minutes in 375-degree oven.

CHEERS AND APPLAUSES

Dinosaur Stomp. Stand up and stamp your feet as hard as you can.

Brachiosaurus. Stand up and walk in place heavily. Remember this was one of the largest dinosaurs.

Compsognathus. Say "Cock-a-doodle-doo!" in honor of this creature, which was about the size of a chicken.

Pterodactyl. Soar through the air with wings spread, saying "Eeek, eeek, he did a great job!"

Eatosaurus. Pretend to be a large dinosaur who just spied dinner. Grab dinner, stuff it in your mouth, and say "Yum, yum, yum!"

ACADEMICS AND SPORTS PROGRAM

Cub Scout Academics

Geology. As Cub Scouts learn about dinosaurs, they hear about geology. There's much to discover about fossils and volcanoes. This is a great time to earn the Geology belt loop and pin.

Cub Scout Sports

Bowling. April is a good time to practice the skills needed to bowl and earn the Bowling belt loop and pin.

Golf. Spring brings time to venture outdoors and learn a new sport. Earn the Golf belt loop and pin this month.

FAMILY ACTIVITY

"Enjoying Family Fun" in *Cub Scouting's BSA Family Activity Book* offers many ideas for things to do as a family. Families will have a great time visiting a museum and reading books about dinosaurs. Families may discover a new interest that can be shared together, which is what Cub Scouting and the BSA Family program are all about.

DID YOU KNOW?

Donor Awareness Award

The Boy Scouts of America began the Donor Awareness program in 1986. The patch is worn on the right pocket of the uniform as a temporary patch. Each council determines the requirements for earning the patch. Typically, a Donor Awareness patch is awarded to a Scout the first time he is successful in getting an adult family member, friend, relative, or other acquaintance to agree to become an organ donor and to fill out and carry an organ donor card.

GOOD TURN FOR AMERICA

Donor Awareness Presidential Good Turn

April is National Donate Life Month (promoting organ and tissue donor awareness). Cub Scouts could distribute literature on organ donation. Contact information and promotion materials can be found at Donate Life America: <http://www.donatelife.net/>



BSA RESOURCES HIGHLIGHT

Drugs: A Deadly Game! Choose to Refuse (No. 26-511). Youth of all ages need to be equipped with information to be drug-free. There's nothing funny about drug abuse. It needs to be addressed in a format that appeals to kids. *Drugs: A Deadly Game! Choose to Refuse* tackles many situations that today's youth face.

This pamphlet may be just what families are looking for to talk about this subject with their kids. There is also a leaders' guide (No. 26-521) to *Drugs: A Deadly Game! Choose to Refuse*.



PACK LEADERS' PLANNING MEETING

Pack leaders meet one or two weeks before the pack meeting to finalize plans and begin planning for the next month.

Den leaders share information about the Discovery Fair exhibits. Determine what special equipment will be needed.

The theme for May is Leave Nothing but Footprints. Begin making plans now.

Be sure the pack is registered to attend Cub Scout/Webelos Scout day camp. Have arrangements been made for drivers? Have current Personal Health and Medical Records been distributed?

The pack trainer conducts the Unit Leadership Enhancement on "National Awards." This will highlight the many awards that the den and pack can earn. A discussion outline is found in the *Cub Scout Leader Book*. Choose a topic for your next meeting.

LOOKING AHEAD

Does your council hold a Scouting show? Review preparations for the big event. What help is still needed?

Springtime brings plans for a pack overnighter. The adult leader giving leadership to this overnight event needs to attend the local BALOO training. Check with your pack trainer for more details.

Active recruiting of Tiger Cubs happens all year, with one emphasis in the spring. Check with your district executive for help in preparing materials to aid in recruiting.

Finalize the pack's participation in day camp and resident camp.

PACK TRAINER HIGHLIGHTS

- April is National Child Abuse Prevention Month and BSA Youth Protection Month. Stress the importance of all leaders completing BSA Youth Protection training if they have not already done so.
- Encourage Webelos den leaders to attend Outdoor Leader Skills for Webelos Leaders training.
- Remind leaders to attend the monthly Cub Scout leader roundtable. Give the location and time.

OUTDOOR IDEAS FOR EVERYONE

Tiger Cubs. Take a hike outdoors to see the buds on the trees erupting.

Wolf Cub Scouts. Make and fly a kite in an open area (*Elective 5*).

Bear Cub Scouts. Do *Achievement 20d*—practice skills for track competitions.

Webelos Scouts. Play baseball regularly with practices and games to earn the Baseball belt loop.

Jurassic Pack: Tiger Cub Den Meetings

Each Tiger Cub and his adult partner should attend all meetings as a team.

Dens may meet in the evening or on weekends.

WHEN	FIRST WEEK	SECOND WEEK	THIRD WEEK	FOURTH WEEK
The Tiger Cub den leader shares leadership with a Tiger Cub adult partner. This team should review plans before each meeting and check the equipment needed.				
BEFORE THE MEETING STARTS	Have the U.S. flag in place. Gather equipment for the Dinosaur Egg Relay and materials to make Dinosaur Food picture frames (6 APR).	Have the U.S. flag in place. Gather materials for Cup Instruments and the Dinosaur Dig, and have ingredients for Peanut Butter Meteorites (6 APR).	Call the Go See It destination to confirm arrangements, times, fees, etc.	Host team writes a thank-you note to the destination of last week's Go See It.
Den leader may collect dues. Den leader checks boys' books for completed advancement requirements and records them on Den Advancement Chart. Boys record own advancement on den doodle, if den has one.				
GATHERING	Gather outside for a Dinosaur Egg Relay.	Make Cup Instruments (<i>Elective 7</i>) and together play a song of your own invention for the dinosaurs of long ago.		
OPENING	Recite the Pledge of Allegiance and the Cub Scout motto.	Recite the Law of the Pack.	Take a Go See It to the zoo (<i>Elective 42</i>)	
SHARE	Talk about what kind of dinosaurs were alive during the Jurassic period, and what they ate.	Talk about what kind of noises the dinosaurs made and what caused the dinosaurs to become extinct.	OR	Participate in the monthly pack meeting by sharing your Dinosaur Dig creations, Cup Instruments, and information about the den's Go See It. Tiger Cubs and adult partners sign the thank-you note.
DISCOVER	Make Dinosaur Food picture frames (<i>Elective 4</i>).	Do the Dinosaur Dig activity. Make Peanut Butter Meteorites for a snack.	Take a Go See It to a natural history museum.	
SEARCH	Talk about where to go for the Go See It this month.	If the Go See It is to the zoo, discuss what kinds of animals will be there that had relatives around in the Jurassic period.	At the end of the trip, lead a reflecting discussion with boys and adult partners about their outing. Participation and completion of <i>Elective 42</i> should be marked on the Tiger Track Trail.	
CLOSING	Recite the Cub Scout Promise, finishing off with a big tiger roar!	Form a Living Circle and say the Cub Scout Promise.		
This week's shared leadership team reviews the meeting. The den leader should meet briefly with the Tiger Cub and adult partner who will share leadership at the next den meeting.				
AFTER THE MEETING	Den leader files local tour permit with local council service center for Go See It outing.	Talk to Tiger Cub team in charge of the next month. Offer resources or ideas as needed.	Den leader fills out den advancement report for the pack leaders' meeting.	Den leader mails thank-you note.
ADULT PARTNER RECORDS ADVANCEMENT ACTIVITIES DONE DURING THE DEN MEETING IN THE TIGER CUB'S HANDBOOK.				

Tiger Cub Den Activities

Advancement possibilities highlighted in this month's meeting plans: Electives 4, 42.

Where did all the dinosaurs go? No one knows for sure what happened to them or what they were like when they were alive. Did they make noise? Did they take care of their offspring? What did they like to eat? We can only wonder and, using the resources available to us, try to piece together the many pieces of the puzzles. This month the Tiger Cubs will go on a dinosaur dig and piece together their own dinosaurs. They will learn how sounds are made by vocal cords; did dinosaurs also make sounds this way? Many potential dinosaur foods that were available in the Jurassic period are still around today; the Tiger Cubs will use examples to make picture frames to frame pictures from their more recent pasts. Through the resourcefulness of the leaders and the Tiger Cubs, the Tiger Cubs will learn about and experience a time long ago when dinosaurs walked the Earth.

GAME: DINOSAUR EGG RELAY

Materials: Two very large (foot-long) plastic eggs (or two large melons of similar size and shape); two sticks or broom handles

Break the den up into two groups. Have a start/finish line and a turn-around line. Each group has one egg and one stick. When instructed to do so, the first Tiger Cub in each team starts taking the egg to the turnaround line, using only the stick. The egg must be taken to the turnaround point and then brought back to the next team member, who repeats the task. The first team to have each member take the egg down and back is the winning team.

DINOSAUR FOOD PICTURE FRAME

(Elective 4)

Materials: Sticks (collected from the outdoors; if sticks from nature are unavailable, use craft sticks), nuts, pine needles, cones, bark, and other plant materials that can be found today and were available during the Jurassic period

If the sticks used for this project are big enough, they may be glued directly to each other. Otherwise, cut a frame (the size the finished frame is to be) out of cardboard and glue the sticks to it. Artistically glue the rest of the items to the stick frame.

Hint: If you use items that may dry out or be easily dislodged, you may coat the entire completed frame with clear coating (available where craft supplies are sold) or a diluted white-glue solution (3 parts glue and 1 part water). This will hold everything together and protect the frame's fragile elements.

DINOSAUR DIG

Materials: Waterproof plastic disposable plates or other containers, assorted pastas (uncooked), pavers-locking sand (available at builder's supply), small paintbrush, plastic knife and spoon

Use assorted uncooked pastas to build a dinosaur skeleton on a plastic plate or other waterproof disposable container. Carefully pour sand over the pasta so that at least the tops of the pasta show and the skeleton can be distinguished. Sprinkle the sand with water, being careful not to disturb the "bones." Allow the sand to dry, and you will have a semipermanent dinosaur dig.

Alternative: Before the den meeting, randomly disperse "bones" (uncooked pasta) on a plate. Partially cover the bones with pavers-locking sand or play sand. The pavers-locking sand can be wet and allowed to dry (this must be done the day before).

Give Tiger Cubs a plastic knife, plastic spoon, and small paintbrush. Have the boys dig out the bones and carefully brush off the sand. They can then try to reconstruct their dinosaur (have additional pieces of pasta available in case some of the "bones" are not in the current dig site). Each Tiger Cub can glue his reconstructed dinosaur to a piece of construction paper.

SNACK: PEANUT BUTTER METEORITES

NOTE: Be aware of any food allergies, especially to peanuts, before you make this at a den meeting.

Ingredients:

½ cup peanut butter

¼ cup honey

½ teaspoon vanilla

1½ cups crispy rice cereal

¾ cup chow mein noodles

½ cup miniature chocolate chips

6 tablespoons unsweetened cocoa

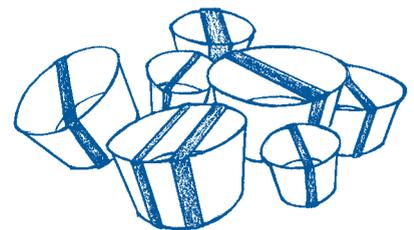
6 tablespoons powdered sugar

Combine peanut butter, honey, and vanilla. Stir in cereal, noodles, and chocolate chips. Mix cocoa and powdered sugar together in a reclosable plastic bag. The cocoa/sugar mixture can be used to coat your hands so the cookie mix does not stick to them. Drop cookie mix by tablespoons onto waxed paper. Make each cookie into a ball and roll it in the cocoa/sugar mixture. Can be eaten right away (will be a bit soft) or refrigerated to become more firm.

CUP INSTRUMENTS

(Elective 7)

Materials: Plastic cups (assorted sizes), assorted rubber bands (at least one per cup)



Stretch a rubber band from the bottom of a cup over the top of the cup. When the rubber band is plucked, it will make a twanging sound. Different-size cups and rubber bands stretched to different tensions will create different sounds. Have Tiger Cubs try different cups and encourage them to put together different sounds to come up with a little song.

Jurassic Pack: Wolf Den Meetings

Dens may meet after school, in the evening, or on weekends.

Review theme pages before planning den meetings.

WHEN	FIRST WEEK	SECOND WEEK	THIRD WEEK	FOURTH WEEK
Den leader, den chief, and denner review plans before each meeting and check equipment needed.				
BEFORE THE MEETING STARTS	Have a basketball or playground ball. Have materials for Dino Hats (8 APR).	Have materials for Dino Hats and Fossils (8 APR).	Call the destination of your outing to confirm arrangements, times, fees, etc.	Denner writes thank-you to last week's destination. Have materials for making Easy Volcanoes (8 APR).
Den leader collects dues.				
WHILE CUB SCOUTS GATHER	Start the meeting outdoors and practice Basketball Passes (<i>Achievement 1g</i>).	Collect permission slips. Sculpt Fossils (8 APR) to be baked later in the meeting.	Collect permission slips.	Boys sign thank-you note or card. Have boys complete dinosaur quiz.
OPENING	Have boys stand in a circle and recite the Cub Scout Promise.	Have assigned boys lead flag ceremony (<i>Achievement 2b</i>).		Give the den yell. Answer roll call with the boy's favorite dinosaur.
Den leader checks boys' handbooks for completed achievements and electives and records them on Den Advancement Chart. Boys record own advancement on den doodle, if den has one.				
BUSINESS ITEMS	Discuss the Jurassic Pack theme. Assign boys to conduct the flag ceremony for next week.	Discuss the parts boys will have in the skit for the pack meeting.		Remind boys that your den will be participating in the pack meeting. Practice the skit for the pack meeting (<i>Elective 2a</i>).
ACTIVITY	Have boys start making Dino Hats for the pack meeting (<i>Elective 2a</i>).	Cub Scouts share their Jurassic collections (<i>Achievement 6a-c</i>). Have boys complete their hats for the pack meeting.	Review trip plans for appropriate behavior and any safety concerns. Take a den field trip to a local geological site, or to a zoo to find descendants of the dinosaurs.	Make Easy Volcanoes. Play Fossil Freeze outdoors. Act out what your favorite dinosaur would do. When leader says "Fossil," group freezes as they are.
CLOSING	Remind boys to bring in their collections of Jurassic animals, fossils, rocks, or books and movies about dinosaurs next week (<i>Achievement 6a-c</i>). Send home permission slips for outing on THIRD WEEK.	Sing "Taps" (<i>Cub Scout Songbook</i>).	At the end of the trip, lead a reflecting discussion with boys about their outing.	Form brotherhood circle with arms around each other and shout "Cub Scouts is Dino-mite!!"
Denner supervises putting away equipment. Den leader, den chief, and denner review the meeting and check details for the next meeting.				
AFTER THE MEETING	Den leader files local tour permit with council service center for outing planned for THIRD WEEK.		Den leader fills out advancement report for the pack leaders' meeting.	Den leader mails thank-you note.
ENCOURAGE FAMILIES TO RECORD ADVANCEMENT ACTIVITIES DONE DURING THE DEN MEETINGS IN THE CUB SCOUT'S HANDBOOK.				

Wolf Den Activities

Advancement possibilities highlighted in this month's meeting plans: Achievements 1g, 2b, 6a–c; Electives 2a, 11a.

Explore the land before time! Imagine living when dinosaurs roamed the Earth. What have paleontologists learned about the great beasts that roamed the Earth millions of years ago? Did any dinosaurs live where you do now? Find out what they ate, where they lived, and how they moved. What could we learn of these creatures that lived so long ago? Make a model of a dinosaur or visit a museum where dinosaur fossils can be seen. Work on the Geology belt loop and pin.

Encourage Cub Scout families to work on additional achievements and electives that support this theme, such as:

- *Achievement 7, Your Living World:* Boys can explore the way the world around them gets dirty. Did the dinosaurs litter? Probably not!
- *Achievement 12, Making Choices:* Learn how to make the best choices by having boys discuss the situations with their parents.
- *Elective 18, Outdoor Adventures:* Finding out about poisonous plants and how to react to them is knowledge all boys should have.

DINO HATS

Materials: One large balloon for each hat; lots of newspapers; thinned glue (add 1 part water to 2 parts glue); masking tape; scissors; hole punch (or use the scissors tip to make holes); assorted paper, cardboard scraps, plastic foam scraps, egg cartons; paint and brushes; string or elastic for chinstraps

Preparation: A few days' drying time is required between the papier-mâché part and the painting part.

Have each boy choose a dinosaur to make into a hat. For inspiration, use the Internet or library books. Have boys tear lots of strips of newspapers. Strips should be about 1 inch wide; the length doesn't matter.

Blow up a balloon for each Cub Scout. This will be the base of the molded hat. *Do not cover the bottom of the balloon.* Leave open space for the boy's head to fit inside the hat. Have boys decorate their balloon, depending on the dinosaur species chosen. Using tape, add horns, frills, crests, beaks, teeth, and more, made of paper, cardboard, plastic foam, egg cartons, etc.

Dip each strip of paper in thinned glue and cover the balloon and added features. (Put the balloon sideways—most dinosaurs had long heads.) Apply the papier-mâché strips to cover about half of each balloon. About three layers of paper are necessary for a hat thick enough to decorate later. You can do all the layers at one time, or wait between layers. Let dry for a few days.

When the hat is dry, pop the balloon and remove it. Punch holes for chin-

straps. Paint eyes, nostrils, beaks, skin color, etc. Let paint dry. Add string or elastic to use as a chinstrap.

GAMES

Ice Age Races

Materials: For each team, mittens, hat, large coat, boots

Each team member races to a designated line and puts on the required items of clothing. When he returns to his team, the boy takes off the items and passes them to the next boy. That team member puts on the items, runs to the line, takes off the items, and returns to his team. Repeat until all boys have completed the relay.

Dinosaur Nest

Using chalk or string, mark a 6-foot circle on the floor. Mark a 6-inch circle in the middle of the large circle. The smaller circle is the dinosaur nest. Put two tennis balls (eggs) in the smaller circle.

Two Cub Scouts are the dinosaurs; they guard the nest. The rest are the hunters. The hunters try to remove the eggs from the nest without getting tagged by the dinosaurs inside the 6-foot circle. Any hunter tagged by a dinosaur is out. The dinosaurs win if they still have at least one egg left after a given time.

FOSSILS

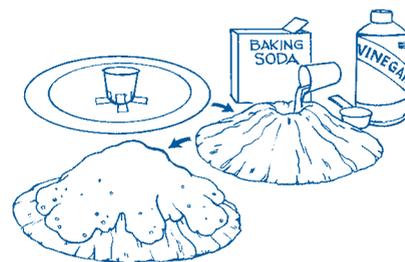
Materials: Bakable modeling clay, toaster oven, leaves, toy dinosaurs/animals, seashells

Have boys imprint the clay with their fingers or other items to create a fossil. Bake the clay according to the directions on the package to make a permanent "fossil."

EASY VOLCANOES

Materials for the volcano: Large paper plate, bathroom disposable cup (3-ounce is best), aluminum foil, clear adhesive tape, scissors

Materials to make the volcano erupt: Water, baking soda, vinegar, tablespoon, cup, pan or tray



Tape the bottom of the paper cup to the middle of the paper plate. Tear off a piece of foil large enough to completely cover the cup and plate. Place the foil over the cup and plate and turn the foil under the plate edge. Tape the foil in place.

Poke a hole through the foil into the middle of the cup. Use scissors to make slits from the middle of the cup to the inside edge of the cup. Tape the foil to the inside of the cup.

Now make your volcano erupt. Place the volcano on a pan or tray (or you'll get lava all over the place). Fill the volcano with 2 tablespoons of water and stir in a tablespoon of baking soda until it dissolves. Measure 2 tablespoons of vinegar into a separate cup. Pour the vinegar all at once into the water/baking soda mixture and watch the lava bubble up!

Jurassic Pack: Bear Den Meetings

Dens may meet after school, in the evening, or on weekends.

Review theme pages before planning den meetings.

WHEN	FIRST WEEK	SECOND WEEK	THIRD WEEK	FOURTH WEEK
Den leader, den chief, and denner review plans before each meeting and check equipment needed.				
BEFORE THE MEETING STARTS	Check out books from the library or research dinosaurs on the Internet. Determine which ones lived in your area. Prepare the Dinosaur Word Search (10 APR).	Have the U.S. flag, paint, and dried neckerchief slides from the last meeting.	Call the destination of your outing to confirm arrangements, times, fees, etc.	Denner writes thank-you to last week's destination. Gather items needed for craft projects.
Den leader collects dues.				
WHILE CUB SCOUTS GATHER	Do the Dinosaur Word Search puzzle (10 APR).	Collect permission slips. Den chief leads boys in "dino-walks," recreating how they think different dinosaurs moved.	Collect permission slips.	Boys sign thank-you note or card.
OPENING	Denner leads the boys in the Cub Scout Promise.	Denner leads the boys in the Pledge of Allegiance. Answer the roll call with Dino-Mite Dino-Names (10 APR).		Do the Handshake opening: denner calls the roll and each boy comes forward and gives him the Cub Scout handshake.
Den leader checks boys' handbooks for completed achievements and electives and records them on Den Advancement Chart. Boys record own advancement on den doodle, if den has one.				
BUSINESS ITEMS	Discuss plans for the monthly pack meeting. Talk to the boys about dinosaurs and which ones lived in your area. Cub Scouts choose a dinosaur to research at home (on the computer, with parental permission). Have them write a short report for <i>Achievement 17d</i> .	Discuss the field trip for next week and let the boys know what they will need to bring.	Visit a local museum where dinosaur fossils can be seen OR Take a dinosaur scavenger hunt by going on a hike and looking for things that might have been found during the Jurassic period. Some items for earning the Geology belt loop and pin may be accomplished on this adventure.	Boys give reports they made about a dinosaur, as discussed three weeks ago.
ACTIVITY	Start Dinosaur Neckerchief Slides (10 APR). Do <i>Achievement 16c</i> ; the crab relay is now called "Allosaurus Alley," and the gorilla relay is renamed "Ankylosaurus Activity"	Paint the Dinosaur Neckerchief Slides from last week.		Make Delicious Dino Eggs (10 APR). Boys may take eggs home to eat in one to two days. Boys make and color Paper Finger Puppets (10 APR).
CLOSING	Denner leads the Law of the Pack. Send home permission slips for outing on THIRD WEEK.	Sing "Have You Ever Seen a Dinosaur?" (2 APR).	At the end of the trip, lead a reflecting discussion with boys about their outing.	Sing "Cub Scout Vespers" (<i>Cub Scout Songbook</i>).
Denner supervises putting away equipment. Den leader, den chief, and denner review the meeting and check details for the next meeting.				
AFTER THE MEETING	Den leader files local tour permit with council service center for outing planned for THIRD WEEK.		Den leader fills out advancement report for the pack leaders' meeting.	Den leader mails thank-you note.
ENCOURAGE FAMILIES TO RECORD ADVANCEMENT ACTIVITIES DONE DURING THE DEN MEETINGS IN THE CUB SCOUT'S HANDBOOK.				

Bear Den Activities

Advancement possibilities highlighted in this month's meeting plans: Achievements 16c, 17d.

Bear Cub Scouts are older Cub Scouts and can work on more complicated, time-consuming projects. This month the boys will make a neckerchief slide that will take two steps to complete. The lesson here? Time spent on a project provides big benefits when the project is complete. The topic of dinosaurs and their specialties will bring the boys from the den meeting to the pack meeting when they share the reports they made and the things they learned. Add a trip to see fossils, and it is a dynamic dinosaur delight!

Encourage Cub Scout families to work on additional achievements and electives that support this theme, such as:

- *Achievement 1b, Ways We Worship:* Boys can learn the best ways to practice their religious beliefs.
- *Achievement 21b, Build a Model:* For many boys, a collection with a model dinosaur can be augmented by building a display for a model.
- *Elective 20, Sports:* With the coming of spring, boys can go outdoors and work on skills in skating or track.

SNACK: DELICIOUS DINO EGGS

Ingredients:

Hard-boiled eggs

1 envelope unsweetened soft drink mix (choose a variety of bright colors)

3 cups of cool water per package of drink mix

Small plastic resealable bags

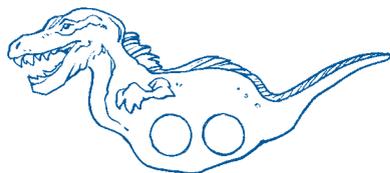
Gently tap eggs all over until the shells crack. Do not remove the shells.

In a bowl, mix together drink mix and 3 cups of cool water. Place cracked egg into a resealable bag with the boy's name on it. Pour enough colored water into the bag to cover the egg. Have boys take their eggs home and put in refrigerator for one to two days. Then they drain off the colored water, and peel and eat the eggs.

Be sure to caution the boys that they shouldn't eat the eggs unless they are refrigerated promptly!

PAPER FINGER PUPPETS

Materials: Stiff paper (like thick construction paper or heavier); scissors; markers or crayons; optional embellishments (wiggle eyes, cotton balls, glue,



computer-printed details)

Boys draw or trace the outline of a dinosaur—without the legs. Color and cut out. Decorate and add details as

desired. Cut two holes where the legs would attach to the body. Boys insert fingers through these holes to form the puppet's legs.

DINO-MITE DINO-NAMES

Cub Scouts will enjoy giving dinosaurs their names. As roll is called, each boy answers by modifying his name to sound like a dinosaur:

Steve	<i>Steve-a-saurus</i>
Kyle	<i>Kyle-o-dactyl</i>
Daniel	<i>Dan-a-don</i>

DINOSAUR FUN

What do you call a dinosaur that's a noisy sleeper? *A Bronto-snorus!*

How do dinosaurs pass exams? *With extinction!*

Why are there only old dino bones in museums? *Because they can't afford new ones!*

What do you call dinosaurs who like hip-hop music? *Raptors*

DINOSAUR NECKERCHIEF SLIDE

Materials: Candy molds of dinosaurs, small metal ring or piece of PVC pipe, plaster of Paris, paint, cups for paint, paintbrushes

Have boys help mix plaster of Paris. Have each boy choose a dinosaur mold and pour the appropriate amount of plaster into the mold. Place metal ring or PVC pipe into wet plaster. Allow to set up. When plaster is hardened and dry, remove from mold. Boys paint as desired.

PLASTER POINTER

Discover the fun of plaster. The *Cub Scout Leader How-To Book* has many suggestions. Be sure you never pour plaster down any drain. It will harden and block the plumbing.

DINOSAUR WORD SEARCH

Find the hidden dinosaur names in the puzzle. Words can be found horizontally, vertically, and diagonally.

- Allosaurus
- Apatosaurus
- Dinosaur
- Fossils
- Hadrosaur
- Ichthyosaur
- Iguanodon
- Jurassic
- Stegosaurus
- Triceratops
- Velociraptor
- Tyrannosaurus

A	H	A	D	R	O	S	A	U	R	A	C	T
P	L	D	I	O	U	R	O	S	R	S	U	Y
A	R	L	N	S	I	D	U	T	W	S	O	R
T	N	F	O	L	D	I	A	E	A	L	T	A
O	O	V	S	S	R	L	A	G	C	I	R	N
S	D	O	A	T	A	M	E	O	E	S	P	N
A	O	S	U	S	G	U	T	S	T	S	A	O
U	N	T	R	I	C	E	R	A	T	O	P	S
R	A	C	I	S	S	A	R	U	J	F	R	A
U	U	A	D	A	P	S	S	R	S	I	S	U
S	G	S	P	I	D	S	R	U	A	N	M	R
Y	I	C	H	T	H	Y	O	S	A	U	R	U
R	O	T	P	A	R	I	C	O	L	E	V	S