



# AMERICAN ELM DISTRICT



Volume 6, Issue 4  
April 6, 2006

Welcome to American Elm District Cub Scout  
Roundtable Electronic edition  
Webelos activity badges Outdoorsman and Handyman

## Theme: Digging in the Dirt PRE OPENING ACTIVITIES

All kids like to build things. To make something to use with nature is another favorite.

### Bug Net

by Heart of America Council

#### Materials:

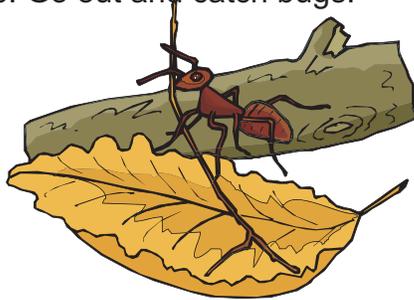
- Dowel rod or stick
- Cheesecloth or nylon netting
- Coat hanger
- Duct tape
- Tread and needle

Form a loop with the coat hanger. Straighten the hook on the coat hanger to use to attach the net to the dowel rod.

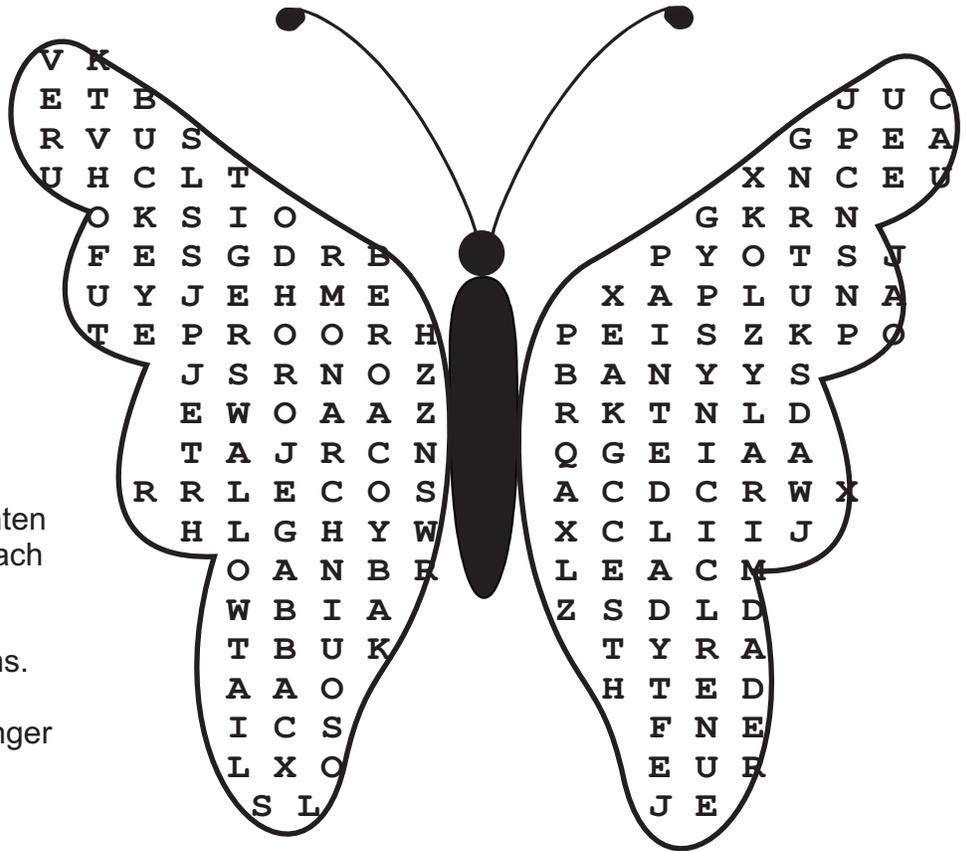
Form a sack with the cloth and sew seams.

Fold the top of the sack over the coat hanger loop and tape io hole in place.

Place the coat hanger on the end of the dowel rod and tape securely with duct tape or electricians tape. Go out and catch bugs.



## Butterfly And Moth Puzzle

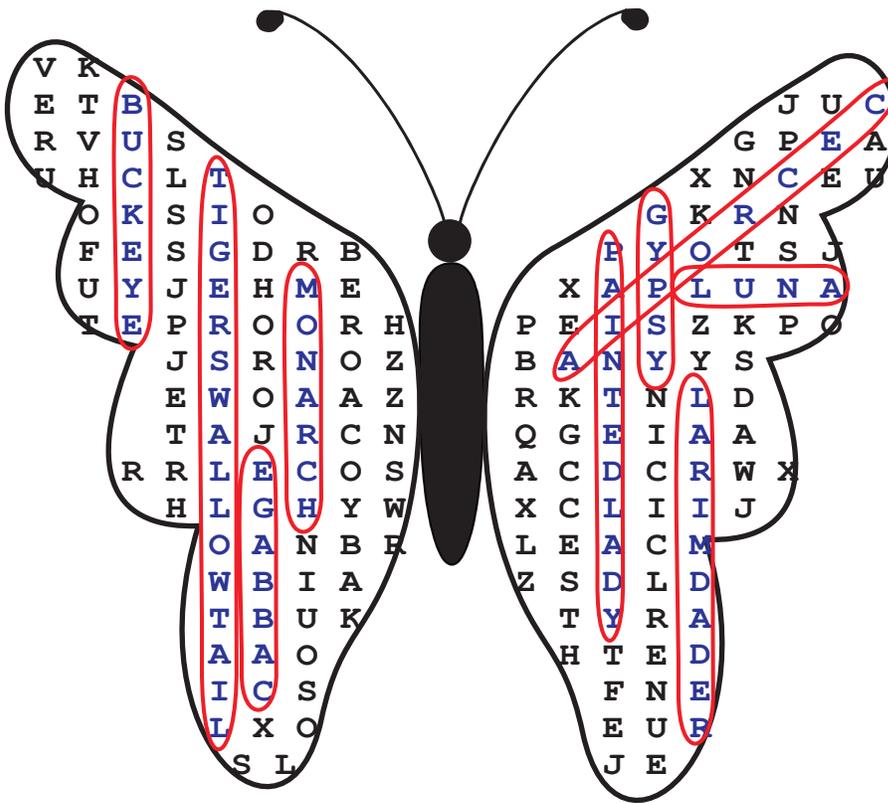


### How many types of butterflies and moths can you find?

- MONARCH
- TIGER SWALLOWTAIL
- RED ADMIRAL
- CABBAGE
- BUCKEYE
- PAINTED LADY
- GYPSY
- CECROPIA
- LUNA

Easy way to tell a butterfly form a moth is to watch it land: If its wings are folded together pointing up, it probably a butterfly.

If its wings are folded against its body or flat from its sides, it's probably a moth.



To make an ant house, simply place an empty frozen juice can upside down in a quart jar. Fill the space between can and jar with a couple of handfuls of earth full of ants, taken for an anthill. Close the jar with a lid in which you have made some small nail holes to let in air.

Wrap a piece of black paper around the ant house. Hole the paper in place with a couple of rubber bands. Place the ant house in a cool spot for a few hours. When the black paper is removed see that the ants have been making runways and chambers in the dirt in the narrow space between the jar and the juice can.

Ants need food and water. To provide this, place two small pieces of sponge on the juice can. On one of these, drop a little water. On the other, drop a mixture of hone, water and half and half. Form time to time, kill a few flies and throw them into the ant house for food.

### Insect Amplifier

by Heart of America Council

Using some very simple stuff you can make a little chamber that will magnify insect sound. Try it with a couple of different insects. This amplifier will also let you clearly hear bug footsteps.

**Materials:**

- Paper cup
- Wax paper
- Rubber Band

Capture the insect you want to listen to in the cup. Place the wax paper over the top of the cup and fold over the edge. Hole in place with a rubber band.

### Ant House

**Materials:**

- Frozen juice can
- Quart jar
- Soil
- Ants
- Small nails and hammer
- Black construction paper
- Rubber bands
- 2 small pieces of sponge
- Honey
- Water

Interesting item in the weekend paper here in Northwest Ohio. They have an article about Milton Levine's Antsy Anniversary. Seems that Levine has sold more than 20 million Ant Farms and about a billion ants were shipped for those farms. To learn more about Uncle Milton Industries check out [www.unclemilton.com](http://www.unclemilton.com)

A medium sized ant farm runs about \$12, while a giant sized one is about \$20. A vial or replacement ants is available online for \$3, plus shipping. Wanting to collect ants – the best ant is the harvester ant because it is the best suited for the farms, digs in the daytime (kids like to watch) and they aren't aggressive (Don't collect fire ants --they bite!!) Also, mom will like this they don't thrive indoors (they eat a green gel that serves as food and water)

I was at Meijer's and found an ant habitat for about \$4 so I picked it up. They also had nets, binoculars, bug cages.





Cicada starts out like a black or brown nymph about an inch long. You should see it in July and August. Listen this Summer for the “buzz saw”

sound. The sound comes from the vibrations of the cicada’s skin stretched over hollows on its body.

### Make a “Cricket Thermometer”

by Fun With Nature Northworld Press

Did you know that the warmer it is outside, the faster a cricket chirps. Count the chips and do a little math to find out what the temperature is.

To set up your Cricket Thermometer:

1. Listen to the crickets for 15 seconds. Write down the number.
2. Subtract that number from the current temperature.
3. This is the “magic number.” For example, if the temperature was 70 degrees, and your cricket chirped 40 times, your magic number would be 30.

Now, you can figure out the temperature anytime you want to. Just count the number of cricket chirps in 15 seconds add your “Magic number” and you get the temperature.

### Tip with working with Nature:

Always tell an adult where you are going, take a buddy with you on the adventure and take along your personal first aid kit. It is always better to be prepared for a insect bite or sting.

1. Don’t touch wild animals
2. Don’t eat wild plants or berries
3. Don’t touch nests or animal droppings or scats with your bare hands. May contain bacteria, fleas or other pests that can make you sick.

To attract moths: make **Moth Sugar**

by Fun With Nature Northworld Press

Wait until late afternoon to spread “moth sugar” so the sun will cook but not evaporate it. Moth can smell this from miles away.

### What you need

3 Tablespoons sugar

Water

1 quart plastic jug

Old paintbrush

Sponge

### What to do

Fill the jug with water

Mix the sugar into the jug of water.

Use the paint brush to brush the “moth sugar” on A stump, rock or a fence post. Or soak the sponge in the mixture and hang it on a tree.

Just after dark, go see your new visitors. If no moths have come to the place, next time add a little apple juice the “moth sugar”

### Nature Nine

By Heart of America

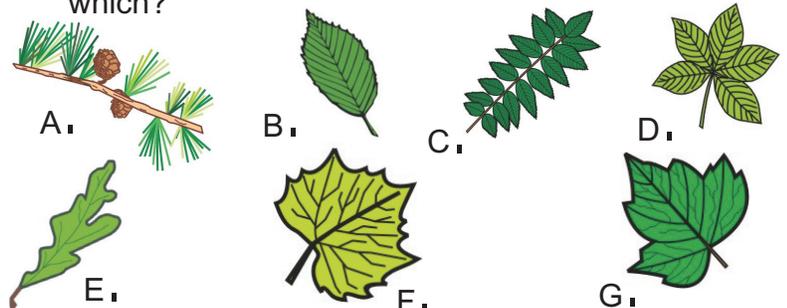
This game requires children to spend time outdoors collecting game pieces, but it can be played either outdoors or indoors. Kids must use logic and critical thinking to solve this simple brain-easer.

1. Cut a section of graph paper five squares wide and five squares long.
2. Cut a square from the cardboard or oaktag that’s the same size as the graph paper.
3. Glue the graph paper onto the cardboard to make a game board for each player
4. Take a nature walk to collect game pieces, such as small pine cones, pebbles, shells, acorns or pods, and put them in the plastic bags.

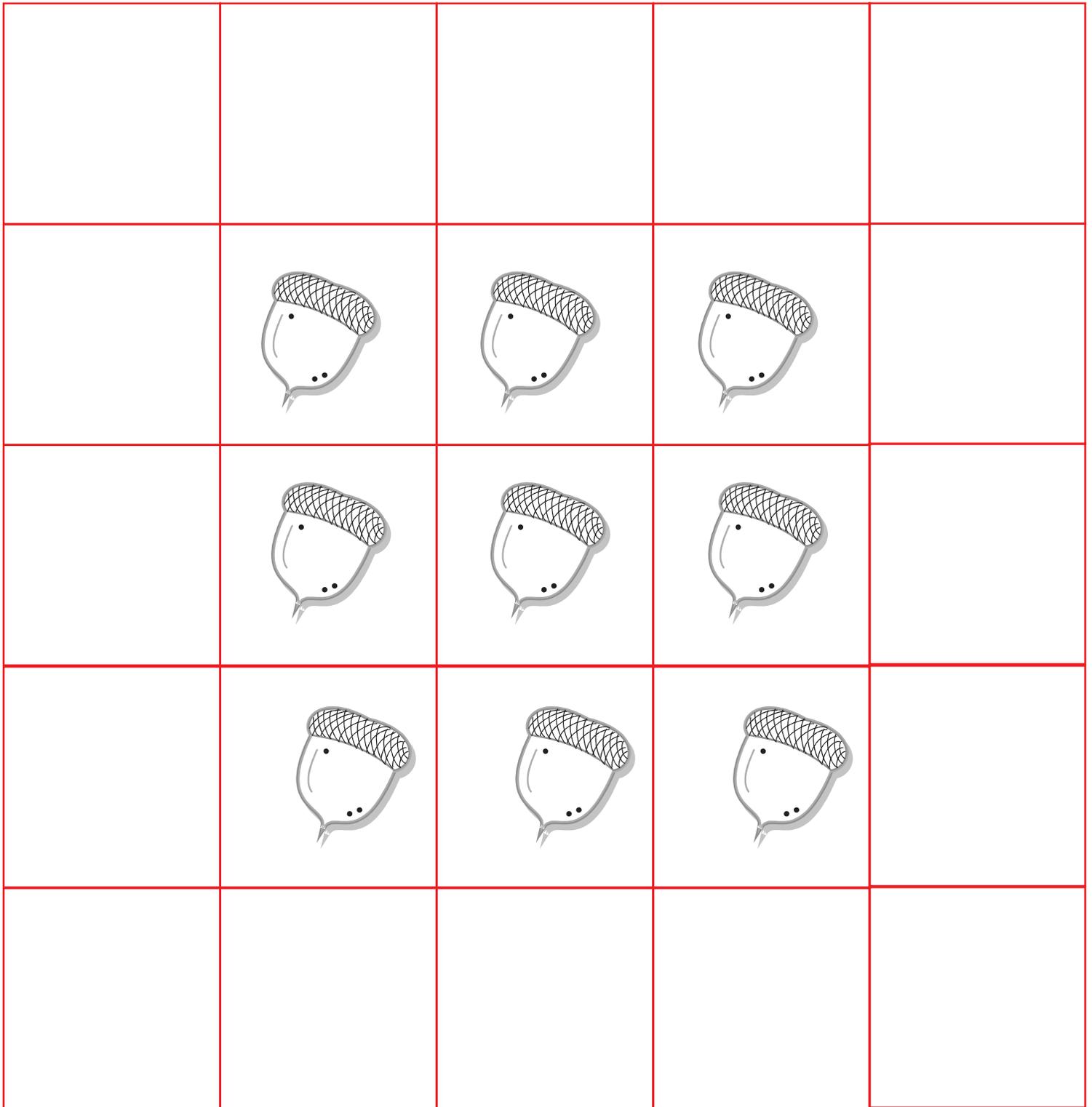
### Rules of Play:

1. The player arranges nine game pieces in the center of the game board.
2. The object of the game is to remove eight pieces, leaving the last one in the center of the game board. Game pieces may be removed by jumping over them onto adjacent unoccupied squares. The piece that was jumped is removed from the board.
3. The player may jump in any direction and make any number of jumps with one piece. The challenge is to leave the last piece in the center square in as few jumps as possible.

The Districts in the Black Swamp Area Council is made up of Tree leaves. Can you tell which is which?



# Nature Nine Board Game



**Answers to the BSAC Districts:**

- A. Tamarack District
- C. Black Walnut District
- E. Great Oaks District

- B. American Elm District
- D. Buckeye District
- F. Hawthorn District

- G. Old Sycamore District

**Bark Rubbings**

By Heart of America

**Materials:**

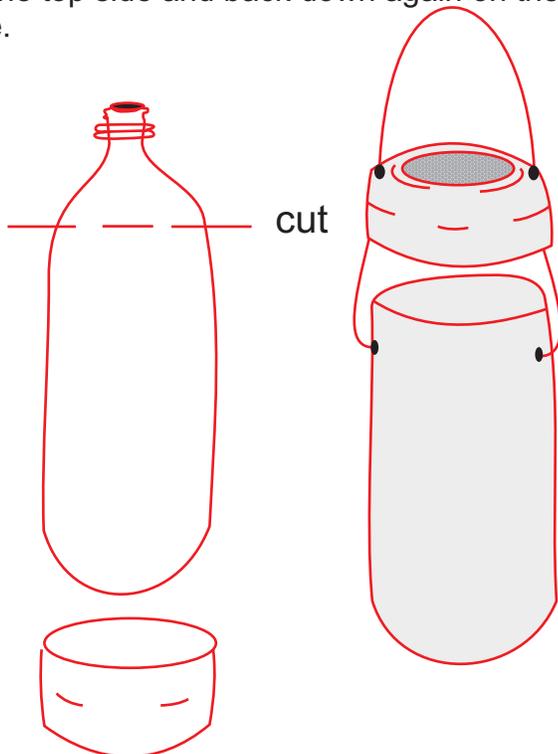
Paper  
Crayons

1. Hold a sheet of paper against a tree trunk. Rub the side of a crayon across the paper and watch as the texture of the bark appears on the page. Different types of trees produce different types of patterns.
2. Some bark rubbings may be suitable for framing or hanging on the fridge.

**Pop Bottle Bug House****Materials:**

2 Liter clear pop bottle  
Scissors  
Screen wire  
String  
Nail

1. Pull the solid plastic bottom off the bottle. If it is hard to remove, give it a twist when you pull. Cut the center out of the solid bottom you have just taken off.
2. Cut the top off the clear bottle just below the curve.
3. Cut a piece of screen that will fit inside the hole you make in the solid bottom and glue inside. Put the piece of top of the clear bottle.
4. Put string or wire for carrying through the side, up the top side and back down again on the other side.

**Egg Heads**

By Heart of America

**Materials:**

1 egg  
Small bowl  
Cotton ball  
Water  
Alfalfa or cress seeds  
Colored paint and small paint brush

1. Carefully crack the egg in half and empty the contents in a small bowl. Rinse the egg and let it dry.
2. Paint a face on the egg, leaving the open end upright (the seeds will sprout and create "hair").
3. Moisten the cotton ball in cold water and place inside the decorated egg shell. Sprinkle the seeds sparingly onto the cotton ball.
4. Store the egg shells in a dark place for 2 days or until the seeds have sprouted, then transfer to a bright area such as a window sill.
5. Trim the "hair" and use it in a cress sandwich.

**Pass the Bubble****Equipment:**

Bubble mixture  
Socks (several pairs)

Make a batch of bubble mixture. You can play this game either inside or outside away from the wind. Provide each Cub with a sock to wear on one hand. Then blow a bubble and call a Cub's name. Using the hand with the sock on it, the Cub should try to catch the bubble and hold it without breaking it. After blowing several bubbles, count the number of Cubs who are still holding theirs. Have the Cubs try to pass the bubbles without breaking them. Next, have the Cubs put the socks on the other hand and try catching the holding bubbles again. Blow one bubble to a Cub and count the number of people the bubble is passed to without breaking. Once the kids have practiced their technique, Challenge them by playing a bubble relay race. Divide the Cubs into 2 teams. Give the leaders of each team a bubble and at a signal from you, have them begin to pass the bubble down the line. The winner is the team that either passes the bubble to all the team members first or passes the bubble to the most Cubs without breaking it.

## Skit

### The Sower

You will need a fairly straight branch, about 10 to 12 inches long, with a clump of small leaves at the end.

If you can't find one outside, you might find an artificial branch at a store that sells artificial flowers. Remove all leaves except the small clump at the end). You should be able to "palm" this clump of leaves in your hand. Keep them palmed until the surprise at the end of the play. Now you are ready to begin.

**"A sower went out to sow his seed."**

Holding branch upright with the leaves hidden in your palm, "walk" the stick along. Stop. Look down, raise stick up, nod yes, and with a "casting" movement "sow the seed." Lower stick to your side, keeping leaves carefully palmed.

**"And some of the seed fell upon the path."**

Hold up free hand, palm up, to represent the path.

**"And birds came flying down and picked up the seed before it had a chance to grow."**

Bring up stick and "flutter" it through the air, swoop it down to pick at the "seeds" in your palm. Lower stick to your side.

**"And some of the seed fell among the rocks."**

Make a fist of your free hand and slowly push stick up through fist.

**"But because there was no moisture, the plant died."**

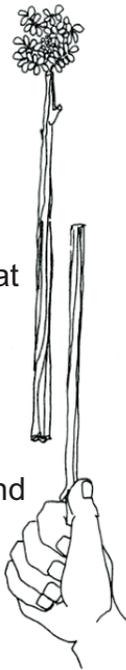
Move stick to a horizontal position and then lower it to your side.

**"And some of the seed fell among the weeds and the thorns. And it began to grow, but they choked the plant and the plant died."**

Hold up free hand with fingers curled. Push stick up through curled fingers. Squeeze fingers around stick and move stick to horizontal position. Lower stick to side.

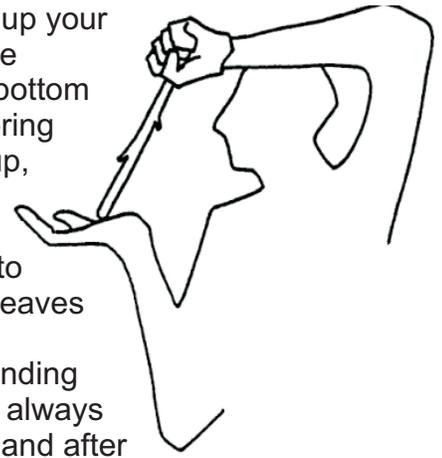
**"But some of the seed fell on good ground and grew up with leaves and flowers and fruit into a healthy plant."**

Bring up free hand and gesture out. to audience with a sweeping motion while your lowered hand is switching the stick so



that when you bring up your hand, the stick will be protruding from the bottom of your fist. As you bring your lowered hand up, bring your free hand down to grasp the stick and push it up to reveal the clump of leaves you had palmed.

It's a neat surprise ending to the parable. It will always amaze the children, and after a lot of practice you will also be able to amaze some adults. By itself, the stick is just a stick. When you walk it, it becomes the sower. When you fly it, it becomes a bird. When you push it up through the rocks and weeds, it becomes a plant. Meaningful movement is most important to create the illusion of life.



### Nature

The Den Leader (labeled Mother Nature) says: "Everything living, and properly cared for, grows. There are things that a tree needs to grow. It needs warmth, water, care, and protection. Cub Scouts grow. What does a Cub Scout need to help him grow? "

Cub #1: He needs food to grow. (perhaps this is the largest cub)

Cub #2: He needs a home for shelter.

Cub #3: He needs a man to be his friend.

Cub #4: He needs to go to school to grow mentally.

Cub #5: He needs to go to church to synagogue to help him grow spiritually:

Den Leader: Where's Johnny? Isn't he in this skit?

Cub #6: (hurrying on stage) Here I am. A Cub Scout needs to be needed.

Den Leader: It's not nice to fool Mother Nature!

PROVERB: (by Den Leader) "As ye sow, so shall ye reap."

TRANSLATION: (by Cubs in unison) "What you seed is what you get!"

### Magic Mud

One Player: Did you ever wonder, as you pass A little stretch of mud and grass.

What nature may be hiding there,  
Within this spot a few feet square?

All Together: Let's gather round and take a look  
And like the pages in a book,

We'll study it with open eyes,  
 Can soil like this hold a surprise?  
 (All get down on hands and knees in a semi-circle  
 around imaginary patch of ground or piece of  
 cardboard painted black  
 and green. Each player is assigned one or more  
 of the two-line stanzas. Some of the items may  
 be held up as they are  
 found. The bee sting gets everyone to his feet,  
 and the victim is smeared with some black  
 substance. All line up for the  
 final stanza. )

One: Here's a freshly patterned animal track  
 Where a rabbit hopped across and back.

Two: I see a stream of busy ants  
 Carrying tidbits as they dance.

Three: Look, a feather blue and gray  
 Dropped off by a screaming jay.

Four: Sprinkled here are sprouting seeds  
 From lofty elms and sprawling weeds.

Five: A pebble smothered by action slow,  
 Formed a million years ago.

Six: In a puddled spot not yet dried out,  
 A water beetle swims about.

Seven: And here an eager plant is set-  
 An early-blooming violet.

Eight: A wiggly worm comes up to twitch,  
 No one knows which end is which.

Nine: The mud itself, with food stores vast,  
 From life that grew in ages past.

Ten: It's not all Nature mud reveals -  
 Here's a candy wrapper and two toy wheels.

Eleven: There's something moving.  
 What's that now? I'll pick it up . . . a BEE! Ow!  
 Yow!

Twelve: Quick, here's some mud upon the spot  
 To take away the soreness hot.

All Together: In mud, there's stone and living  
 things,

Healing power for bitter stings,  
 Through it flows the earth's life blood.

Our Soil is really magic MUD

### AUDIENCE PARTICIPATION

#### Day Hike In The Woods

By Heart of America

**SPARROW** "Chirp, chirp" **SNAKE** "S-s-s-s-s-s"

**RABBIT** "Hip-it-ti-hop" **SQUIRREL** "I love nuts"

**TREES** "Leafy, leafy" **CUB SCOUTS** "Boys are  
 boys"

A flock of **SPARROWS** swooped into the woods.  
 Their chirping quickly caught the attention of the

animals in the forest.

The **SNAKE, RABBIT, and SQUIRREL** gathered  
 around to hear the news. "It's terrible," said one  
**SPARROW**, "that Pack of **CUB SCOUTS** that  
 came last year is coming to spend the day in the  
 forest again. "Oh, no!" sighed the trees,  
 "last time they came we lost our branches and  
 leaves. Kites and Frisbees got tangled in our  
 branches and two of them built a fire that  
 scorched a **TREE** before the leaders got it out!"  
 The **RABBIT'S** ears froze in place when he heard  
 the words **CUB SCOUTS**. "I had to run for my life,  
 they chased me until I was about to pass out. I  
 will have to stay in my den all day tomorrow." The  
**SQUIRREL** trembled, "They were throwing things  
 at me so much that one of them got hit with a  
 rock. They trampled and ruined all the acorns too,  
 this is terrible news." The **SNAKE** said, "I'm going  
 to get out of here.

I saw them stuff my brother in a pocket and we  
 never saw my cousin ever again, either. I miss  
 them so much. I was hiding but one stepped on  
 the bark I was under and nearly squashed me.  
 Why, do they have to come here? "They picked  
 all the wild flowers by the big rock and now there  
 aren't any there anymore," said the **RABBIT**.  
 "They are coming tomorrow,"  
 chirped the **SPARROWS**. "Everyone beware!"  
 The next day dawned clear and warm and the  
**CUB SCOUTS** and their parents and leaders  
 arrived. The **TREES** rustled,  
 the **RABBIT** trembled, the **SNAKE** hid, and the  
**SQUIRREL** jumped to the highest branch and lay  
 there as quiet as he could. Then they all saw an  
 amazing thing. The **CUB SCOUTS** started  
 picking up all the trash and putting it in big picnic  
 bags. Then they got out food, ate and hiked down  
 to the creek where they waded until their feet  
 were blue. Someone spotted the **SQUIRREL**,  
 they pointed at him, told the boys what he ate,  
 and some of the **CUB SCOUTS** gathered a pile  
 of acorns and left it under the tree! The **SNAKE**  
 was hiding beside her favorite log. She looked  
 pretty much like one of the old branches, but one  
 of the sharp eyed **CUB SCOUTS** spotted her.  
 They caught her, looked her over carefully and  
 then put her back down by the log. The **SNAKE**  
 couldn't believe that she was free. That evening  
 the **SPARROWS** returned to see how the day  
 had gone. They couldn't believe what a difference  
 the meadow looked with all the trash gone. The  
**RABBIT** told them, "The **CUB SCOUTS** picked

up all the trash, and left some apple cores and sandwich edges behind, which were delicious. The **TREES** and animals were glad the **CUB SCOUTS** had come.

### Family Day In The Woods

**SPARROW** "Chirp, chirp" **RABBIT** "Hoppity, hoppity" **CUB SCOUT** "Boys are boys"

**SQUIRREL** "Chatter, chatter"

**SNAKE** "S-s-s-s-s-s-s" **TREE** "Leafy, leafy"

A flock of **SPARROWS** swooped into the woods and settled on the branch of a **TREE**. Their chirping quickly caught the attention of the animals of the forest, and they gathered around to hear the news. "Hurry up," said the **RABBIT**, his ears wriggling with impatience. The **SQUIRREL** leaned in to listen, and the **SNAKE** pretended she didn't care.

"It's terrible news!" said Kristy **SPARROW**. "That Pack of Cub Scouts is coming to spend the day again." "Oh, no!" A terrible sigh came from all the **TREES**. "Last time we lost branches and twigs. Kites and Frisbees tangled our leaves and limbs and Daniel **TREE** almost caught fire." Jerry **RABBIT**'s ears had positively frozen in place when he heard the words, **CUB SCOUT**.

Jimmy **SQUIRREL** almost fell off the branch he was sitting on, and Beverly **SNAKE** forgot that she was pretending not to hear. "Cub Scouts," she hissed. "Why do they have to come here? Last time, I barely escaped with my life."

"They are coming tomorrow," chirped the **SPARROWS**. "Tomorrow," sputtered Jimmy **SQUIRREL**. "I've got to gather acorns before they come and crush them all." Jerry **RABBIT** hopped off muttering about how he could reinforce his home. Beverly **SNAKE** just lay there trying to think of hiding places.!

### Tortoise And The Hare

**TORTOISE**: "How slow can you go" **HARE**:

"Faster than a speeding bullet"

**MOTHER NATURE**: "Hi, Mom" **RACE**: "Who's the winner?"

Once upon a time, **MOTHER NATURE** decided to hold a **RACE** between some of the creatures in her kingdom.

**MOTHER NATURE** sent invitations to the **RACE** to all the animals, but only two animals accepted her invitation. The **HARE**, one of the swiftest of animals and the **TORTOISE**, one of the slowest.

although she didn't want to, **MOTHER NATURE** knew she had to go ahead and hold the **RACE** since she had sold the television rights to the FBC (Fairytale Broadcasting Corporation.)

In order to keep the **RACE** interesting, **MOTHER NATURE** devised a magical machine that would duplicate the **TORTOISE** each time he passed through it. With several identical **TORTOISES** placed at certain points along the **RACE**, the **HARE** could be beaten. **MOTHER NATURE** started the **RACE** and the **HARE** jumped to an early lead, only to go around a curve to see the **TORTOISE** in front of him. The **HARE** shook his head in disbelief. He quickened his pace and passed the **TORTOISE**. A little further in the **RACE** the **HARE** topped a hill, and there to his surprise was the **TORTOISE** ahead of him again. The **HARE** was beginning to suspect **MOTHER NATURE** had rigged the **RACE**. All of a sudden, the **HARE** caught sight of **MOTHER NATURE**'s magical duplication machine, The **HARE** hopped over to the machine and read the instructions. He pushed a button and jumped into the machine, expecting to be divided into a number of identical **HARES**. But nothing happened. He pushed the button again, but nothing happened. Finally, frustrated, the **HARE** decided to rejoin the **RACE**. However, by that time, several of the **TORTOISES** had already crossed the finish line and had been awarded **MOTHER NATURE**'s trophy. The moral of the story is: "You can split **TORTOISES**, but you can't split **HARES**."

Hikes And Nature Scavenger Hunts

Check out the RT Cache at

[www.cubroundtable.com](http://www.cubroundtable.com) for a packet on Mother Nature, Nature scavenger hunt and other items.

**Hikes with a Theme** by Heart of America

### Tracks or Wildlife signs

Look for all animal tracks and sings, try to identify (plaster casts).

### Craft Hike (aks for permission first)

Gather nature items to work with later, such as rocks to make rock animals. Leaves for spatter painting, dried weeds/ flowers for pictures. Dead wood for whittling projects.

### Conservation Hike

Water pollution, neighborhood/ block beautification. Find an area where the den could put to use some of the conservation projects.

### **Knot Hike**

Along a path tie ropes around trees using knots, Instruct the boys in advance which direction to go when they identify a particular knot.

### **Evening Hike**

Try flashlight signaling. Listen to night sounds. Find north by the stars. Learn to recognize some constellations. Tell stories about them.

## **CRAFTS**

**Garden With A Difference** by Heart of America  
Split a small piece of bamboo and scrape out the pith. Put the two pieces on a sheet of paper. Carefully fill both pieces with not-too-wet light soil and water mixture. Put seeds of annuals at about 2 cm intervals along the length of one of the strips. Place the two pieces together and tie at about 4 or 5 places with cotton. Do not tie too tightly. Push one end of the bamboo into a pot of soil and water the bamboo and soil once a week. Soon tiny plants will push their way out of the bamboo and different plants will bloom from the same branch.

### **Worm Tie Slide**

Using 2 different colors of pipe cleaners twist them together. Wrap them around a 1" piece of pipe or dowel rod to form a coil. Add small eyes.

## **CEREMONIES**

### **Diggin' In The Dirt**

**Setting:** Have a picture or toy of each tool listed with appropriate awards attached.

**Hand Trowel:** Tiger Cubs begin to learn about scouting and are just scratching the surface as they Search, Discover and Share. Tonight the following boys have started this trail. (Call boys and parents forward and present badges.)

**Hoe:** As we begin roughing up the dirt a little more with our hoe, we also discover the Bobcat badge - learning more about scouting. These boys have learned the meaning of the Cub Scout Promise, Law of the Pack and Motto. (Call boys and parents forward and present badges.)

**Shovel:** Expanding our exploration of ground, means going deeper – we are using a shovel to uncover more dirt. As these Wolves have expanded their horizons to learn new skills. . (Call boys and parents forward and present badges.)

**Tiller:** Digging Deeper to learn more about the earth, we uncover the Bear badge. These boys have dug deep to learn about duty to self, country, family and God. . (Call boys and parents forward and present badges.)

**Back Hoe:** Now it's time to move a little more dirt with the backhoe. Webelos have moved a lot of dirt toward their independence. Fulfilling the requirements of the Webelos Badge are \_\_\_\_ . . (Call boys and parents forward and present badges.)

**Bull-Dozer:** Now is the time to move a lot dirt. These boys have covered a lot of Cub Scout ground. They have worked hard and dug very deep within themselves to earn Cub Scouting's highest award. Tonight we present the Arrow of Light Award to \_\_\_\_ . (Call boys and parents forward and present badges.)

### **Arrow Of Light - Like An Acorn**

When you first see an acorn, it may seem quite small and insignificant. Who could guess the great potential lying inside its small shell? A cub scout is like an acorn. Although he may appear to be small, he has the potential of greatness within him. As an acorn sprouts and grows, it turns into a majestic tree - sought after for its strength and admired for its beauty. It is very popular and its useful purposes seem unlimited.

Would \_\_\_\_ please come forward with his parents? \_\_\_\_ was like the acorn when he first joined cub scouts. He was full of potential and ready and willing to learn and grow. In the Wolf, Bear, and Webelos dens, he has grown by learning the ideals of scouting. He is developing character along the way. has gone above that which is required to gain his Webelos and has earned the Arrow of Light, He is reaching to new heights each day as he follows the Cub Scout Motto to "Do Your Best."

This is the highest award you can earn in Cub Scouting but it is not the end to your growth. Just as the mighty oak grows each day for years and years, you too will continue to grow and learn. Follow the path which leads onward in scouting - and one day you will reach above the oaks and soar with the Eagles.

### Webelos Outdoorsman

By Heart of America

#### Den First Aid Kit

A number of kits are on the market, but as a Webelos den project, you can make one for the den. The first aid kit is best packed in a waterproof container such as a plastic refrigerator box. Here are some items that can be considered standard; soap, box of adhesive bandages (assorted sizes and waterproof), adhesive tape, sterile gauze pads (small and large), bum ointment, small scissors, tweezers, a packet of needles, safety pins, ammonia inhalant capsules, chopsticks, salt tablets, snakebite kit, poison ivy lotion, tablets for digestive upsets. Have the boys prepare a trail snack to take with them. See recipes below:

#### Hiker's Nosebag

- 1/4 lb. seeded raisins
- 1/4 lb. Cheese
- 1/4 lb. Chocolate
- 1 apple
- (Put in plastic bag)

#### This and That

- 1/4 lb. seeded raisins
- 1/4 lb. peanuts
- 1/4 lb. chocolate bits
- A favorite sugared cereal (Mix and put in plastic bag)

#### Ziploc Spoon Fudge

Ingredients:

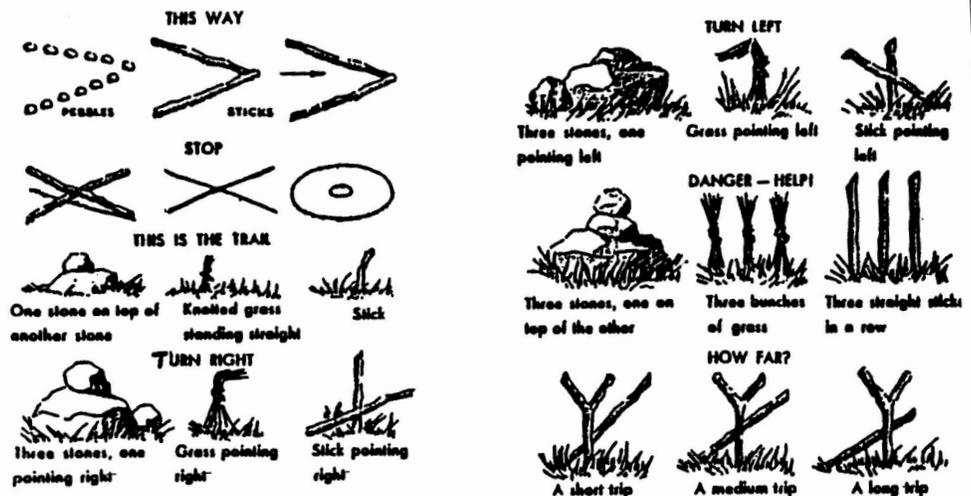
- 1/2 c. powdered sugar
- 1 tbsp. butter
- 2 tsp. cream cheese
- Few dashes vanilla
- 1/2 - 1 Tbsp. cocoa

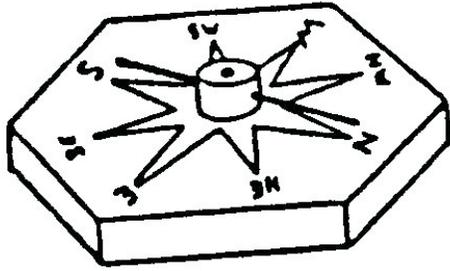
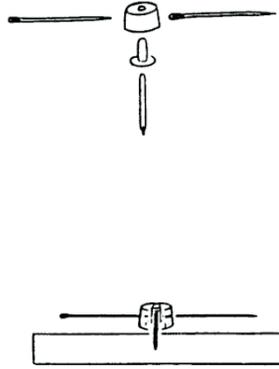
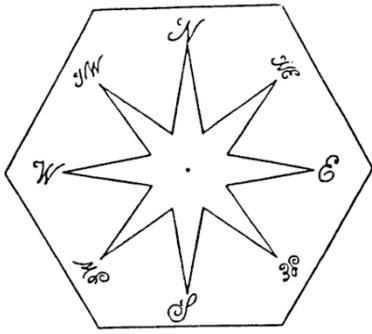
1 Ziploc bag Place all ingredients in the Ziploc bag and squeeze out all the air. Squish and smooch the bag until all the ingredients are well mixed, and there is a creamy consistency. Add any flavorings or other ingredients such as raisins, M&Ms, nuts or peanut butter. **WATCH FOR PEANUT ALLERGIES!!**

#### Make A Compass

The face of the compass may be cut from 1/4" plywood, 1/2" plywood, or 1/2" pine. The markings for the dial may then be applied with dark crayon, paint, or wood-burning. The needle for the compass consists of two 1 1/2" darning needles which have been magnetized by drawing a magnet over them in one direction only from eye to point. The two darning needles are then inserted in opposite sides of a piece of cork 1/4" high and 1/2" in diameter, as illustrated. The needle assembly is suspended by means of the lower portion of a leather rivet, which is inserted in the bottom of the cord disk as illustrated in drawing. Leather rivets of this type can be purchased inexpensively at most hardware or variety stores. A small nail which will not bind when inserted in the rivet is placed in the center of the compass dial, and the head is clipped off so that the nail extends approximately 3/8" above the wood surface. The protruding end of the nail should be rounded with a metal file to permit the needle assembly to swing freely. After the wood block has been given a finishing coat of shellac or clear varnish and has dried thoroughly, the needle may be mounted on the nail. The compass needle will point North. Then carefully turn the block until the needle is in line with the point on the compass dial marked "N".

**Trail Signs:** The Native Americans and Scouts used trail markers to help their comrades follow their path. Here are some of the trail signs they used. Take a walk through the woods or countryside and mark out your trail with some of these signs. Can your friends find where you are, just by following your markers?





### Handyman Scavenger Hunt

You can play this game at someone's home or place the items around your meeting place. Hunt for the following items or create your own list. A leader or a parent should accompany the boys. They should not gather the items but instead, have the boys write down the location of each.

#### Here is a sample:

|                          |                     |
|--------------------------|---------------------|
| Pruning shears           | Edge trimmer        |
| Oil can                  | Crescent wrench     |
| Tire pressure gauge      | Screwdriver         |
| Old rags                 | Old newspapers      |
| Window cleaning solution | Tire changing tools |
| Lawn mower               | Gasoline can        |
| Pliers                   | Hammer              |
| Air pump                 | Tire tube           |
| Aluminum cans            | Nails               |
| Auto jack and stand      | File                |

After the locations for these tools are recorded, go over the list and see if any of the items are not stored in the proper locations. For example, are the old rags stored on top or next to the gas can in a closed cabinet? Are the pruning shears lying on the floor where young children may be able to "play" with them? Also check the tools for cleanliness and sharpness. These factors influence their serviceability.

### Order of the Crossed Bolts Slide

After completing Handyman your boys qualify for

the Order of the Crossed Bolts. This is an old order from way, way, way back. In fact, this order is so seldom given that no one really knows how old it is.

Anyway, you will need

Two 2 1/2 bolts

One nut for the end of each bolt

Small, single strand wire

1. Screw the nuts onto the bolts a couple of turns. Put a drop of hot glue on the end of the bolt and turn the nut back onto the glue.

2. Lay the bolts on top of the other and form an "X".

3. Form a loop about the size of a quarter with the wire. Twist the ends together. With the remaining wire of the loop tie the bolts together. This should yield a slide with a loop in the rear and the two "Crossed Bolt" in the front.

### WEB SITES

These sites are current as of 4-4-06

[Http://www.audubonintl.org/projects/kids/](http://www.audubonintl.org/projects/kids/)

This page was created for kids of all ages!

Learning about the environment doesn't have to be painful, in fact it should be fun! We tend to learn more when we are enjoying ourselves. Although I want everybody that visits this page to have fun, I also hope you all realize the importance of the environment and the impact that we have on it!

[Http://yahooligans.yahoo.com/](http://yahooligans.yahoo.com/)

Web guide for kids

[Http://yahooligans.yahoo.com/Science\\_and\\_Nature/Living\\_Things/Animals/](http://yahooligans.yahoo.com/Science_and_Nature/Living_Things/Animals/)

**Animals:** get animal facts and photos on

Yahooligans! **Animals Ecards:** send animal cards to friends on Yahooligans! **Ecards News:** check out animal photos on Yahooligans! News

[Http://yahooligans.yahoo.com/science\\_and\\_nature/the\\_earth/oceanography/](http://yahooligans.yahoo.com/science_and_nature/the_earth/oceanography/)

**Space:** learn about Earth on Yahooligans! Science

Ask Earl: learn about **Earth** with Yahooligans! Ask Earl

[Http://thenaturestore.com/guestform.cfm?source=PrizeBtfHome](http://thenaturestore.com/guestform.cfm?source=PrizeBtfHome)

[Http://www.nature-gifts.com/live-animal-kits.html](http://www.nature-gifts.com/live-animal-kits.html)

[Http://www.kindnews.org/](http://www.kindnews.org/)

[Http://www.nwf.org/kids/](http://www.nwf.org/kids/)

[Http://www.kindnews.org/](http://www.kindnews.org/)

**Books**

**The World of Animals** ISBN 1-40545-899-2

**Fun with Nature** ISBN 1-55971-702-5

**Birds in North America** ISBN 0-307-13656-6

**Birds** ISBN 0-307-24490-3

**Insects** ISBN 0-395-18523-8

**Insects and Pests** Library of Congress card # 66-22595

**Animal Tracks in Ohio** ISBN 1-55105-305-5

**Trees** Library of Congress card #61-8317

**Rocks and Minerals** ISBN 1-56458-663-4 (This one will be back when we do Geologist)

Till next month. Carol

