

CUBS & BUGS GALORE

MAY 2007



MAY – CUBS & BUGS GALORE



PRE-OPENING/GATHERING ACTIVITIES

Insect Match

Match the insect with the food you would feed it if you caught one:

- | | |
|-----------------------|--|
| <u>Praying Mantis</u> | a) feed soft-bodied insects and water in small pieces |
| <u>Field Cricket</u> | b) feed oatmeal or bran meal with small pieces of potato or apple. |
| <u>Click Beetle</u> | c) bits of bread soaked in water, lettuce, or peanut butter. |
| <u>Grasshopper</u> | d) feed types of leaves from the location you found him. |
| <u>Caterpillar</u> | e) grass sod and water |
| <u>Tarantula</u> | f) eats flies or small insects, raw meat |
| <u>Meal Worm</u> | g) eats most all insects and needs water. |

answers: 1. f 2. c 3.a 4. e 5. d 6. g 7. b

Picturesque Names: Have the boys draw several of the insects & spiders. The fun is to draw them how the boys think they would look according to their names. Then compare drawings with pictures of how the insects and spiders really look.

Ant lion
Blister beetle
Corn eat-worm
Daddy longlegs
Earwig
Firefly
June bug
Paper wasp

Trapdoor spider
Silverfish
Squash bug
Longhorn beetle
Praying mantis
Wolf spider
Tiger moth

Find the Sting

1. A sting that cures fatigue – resting.
2. A sting that cures hunger – feasting.
3. A sting that tidies your room – dusting.
4. A sting that makes you laugh – jesting.
5. A sting that cooks your meat – roasting.
6. A sting that browns your bread – toasting.
7. A sting that bragging people indulge in – boasting
8. A sting that spoils your tools – rusting.
9. A sign that makes you read a book to the end – interesting.
10. A sting that ties – testing.
11. A sting that adapts – adapting
12. A sting that we observe during lent – fasting,
13. A sting that cooks are always doing – tasting.



OPENING CEREMONIES

Fun in the Backyard

6 Cub Scouts looking around the stage.

#1: What's that up in the sky -- a dragon, a plane, a cloud?

#2: I've seen lots of bugs, but never one like this. Have you?

#3: That's a pretty bird up in that tall tree. I wish I knew what kind it was.

#4: I wonder if we could play ball or maybe even have a picnic out here.

#5: Let's ask our den leader or our parents, I'm sure they will let us.

#6: Boy, you guys have really opened my eyes to all the fun we can have in a backyard.

All: Stand and join in the Pledge of Allegiance.



Hooray For Bugs!

Personnel: Nine Cub Scouts

Props: Pictures of various Insects

All Cub Scouts: Yuk! Who needs bugs? We all do!

Cub Scout #1: If it were not for insects and their relatives, we would not have apples, grapes, peaches or many of the foods we eat.

Cub Scout #2: Insects pollinate plants. They travel from plant to plant carrying the pollen that enables plants to bear fruit.

Cub Scout #3: Insects also make food for us. Do you like honey? Hooray for bees!

Cub Scout #4: Insects are food for many animals. Fish, lizards, rats, birds and toads eat them. Cub Scout #5: Some people eat grasshoppers and even ants. (But don't try it.)

Cub Scout #6: Insects also eat each other and thereby help the farmer protect his crops.

Cub Scout #7: Insects help get rid of man's and nature's waste. They eat up much of what we throw away.

Cub Scout #8: They help our forests by gnawing up wood until it turns into what is called "humus", which helps new plants to grow.

Cub Scout #9: Insects die and their bodies decay, so the soil becomes richer. True, some are harmful and you don't want to get near them ... but not all!

All Cub Scouts: HOORAY FOR INSECTS!!!!

Bugs And Things

Bugs are all around us. Have you ever noticed an ant hill? The ant hill was constructed with team effort from each ant. During the winter the ants stay underground. When the weather warms, they clear a passage to the outside world. Grain by grain the soil is brought up and deposited in a little pile around the opening. Like the ants, our den requires teamwork from each scout to be successful. Please join me in repeating the Law of the pack.

Bugs Galore

Cub Scouts dressed as different bugs come out one at a time.

Narrator: To open our pack meeting tonight, Den ___ has been working on our monthly theme "Cubs and Bugs Galore" and brought a collection of bugs to share with us. Let's begin with:

Bedbug: (boy dressed in pj's) who just hates getting up in the morning.

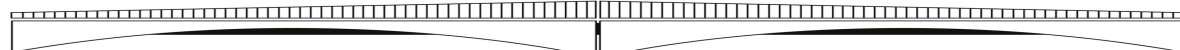
Litterbug: (boy throws around litter) who ruins every place he goes.

Waterbug: (boy dressed in swimsuit and goggles) who just can't get enough swimming.

Ladybug: (boy dressed in wig, dress, etc.) who thinks she's the best looking bug in the world.

Pincher: (boy with cardboard pinchers on his hands) who likes to pinch everyone he sees.

Narrator: Well that concludes our bug collection. Let's not forget that bugs are part of nature's balance. Join us now as we recite the Outdoor Code.



FIELD TRIPS

Visit a Zoo or Park.
Visit a nature center.
Hold a bug hunt.



SERVICE PROJECTS

Collect fans for elderly/needed for summer.
Plant flowers for sponsoring organization.

HIKES

Inch Hike: Have the boys see what they can find along a 12” or 24” piece of string.

Sound Hike: Have the boys identify bug sounds.

Bingo Hike: Give the boys bingo cards with different bugs in the squares. While on a look and see hike, the boys fill in their cards.

APPLAUSES AND CHEERS

Bee Applause: Put arms out straight and pretend to fly while saying “Buzz, Buzz”.

Flea Clap: Everyone raises hand over head. Applause is accomplished by clicking the nails of the thumb and forefingers of each hand together.

Ant Applause: With two fingers of the right hand, walk them down the left arm toward the hand while saying “hup, tow, three four”. When the fingers reach opened palm grab them while saying “Gotcha!”

Mosquito Applause: With hand, slap yourself on neck, arms, and legs while saying “OOOH, AAAH, AAAH”

Spider Applause: Walk all four fingers of one hand up the other arm and then scream “EEEEKKKK!”

Butterfly Applause: Stuff thumbs into armpits and flap wings.

Bug Applause: When the leader waves hands (as if to “shoo” away a bee or mosquito) make a buzzing sound. When leader finally slaps hands together (as in smacking the bug) everyone stops.

Giant Beehive: Tell the group to buzz like bees. When your hand is up, they should buzz loudly, when it’s low, they buzz softly. Start raising and lowering slowly, then increase speed.

Spider Cheer: Walk all four fingers on one hand up the other arm and when you get to your face...SCREAM!

Butterfly Cheer: Palms facing you, cross arms and interlock thumbs, flutter fingers and lift arms up to create a moving butterfly.

JOKES/RIDDLES/RUN-ONS

What bee can you throw?

What?

A Frisbee!

What is an antelope? An insect that runs away to get married.

What do you get when you cross a turkey with a centipede?

What?

Drumsticks for everyone!

What do ants sing before a ball game?

What?

The National Ant-them.

Yo Duff!, what do you get when you cross a termite with a praying mantis?

I dunno, what?



An insect that says grace before eating your house.

What happened to the two silk worms that had a race?
What?
They ended up in a tie.

Why was the spider grumpy in the morning?
Why?
Because he woke up on the wrong side of the web.

I just saw a moth crying.
That's impossible.
Haven't you ever seen a mothball?

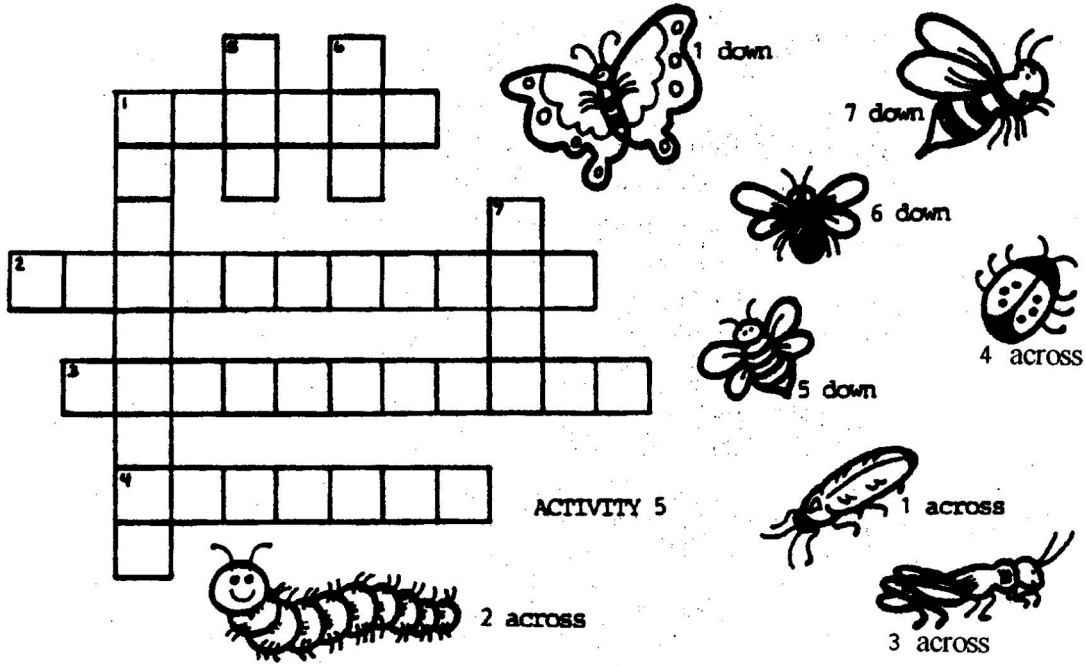
Cub #1: How do you kill a fly?
Cut #2: I don't know, how?
Cub #1: Call in the S.W.A.T. team.

What has eighteen legs and catches flies?
What did one cockroach say to the other cockroach?
How many inch worms make a foot?
What insects is as smart as a talking horse?
How do bees dispose of their honey?
What insect eats the least?
Why is it hard to fool a slug?
What do you call a bee with a low buzz?
What is a bee's favorite dance?

A baseball team.
You bug me.
Twelve
A spelling bee.
They cell-it.
The moth, it eats holes.
Because you can't pull their leg.
A mumble bee
The bee-bop.



STUNTS/TRICKS/PUZZLES



1 down

7 down

6 down

5 down

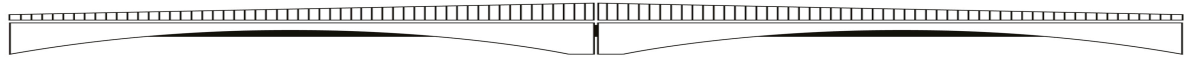
4 across

1 across

2 across

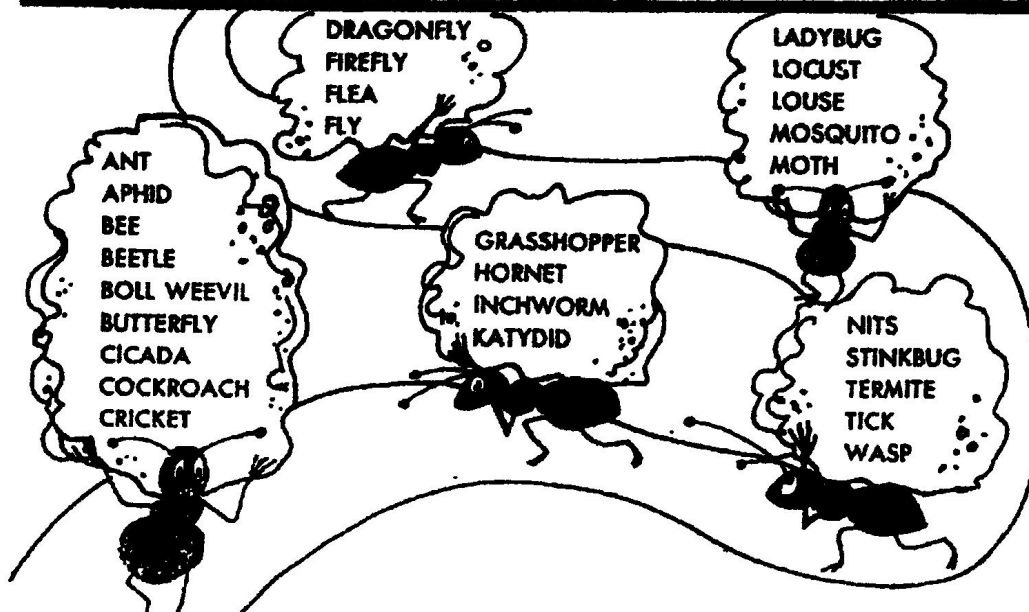
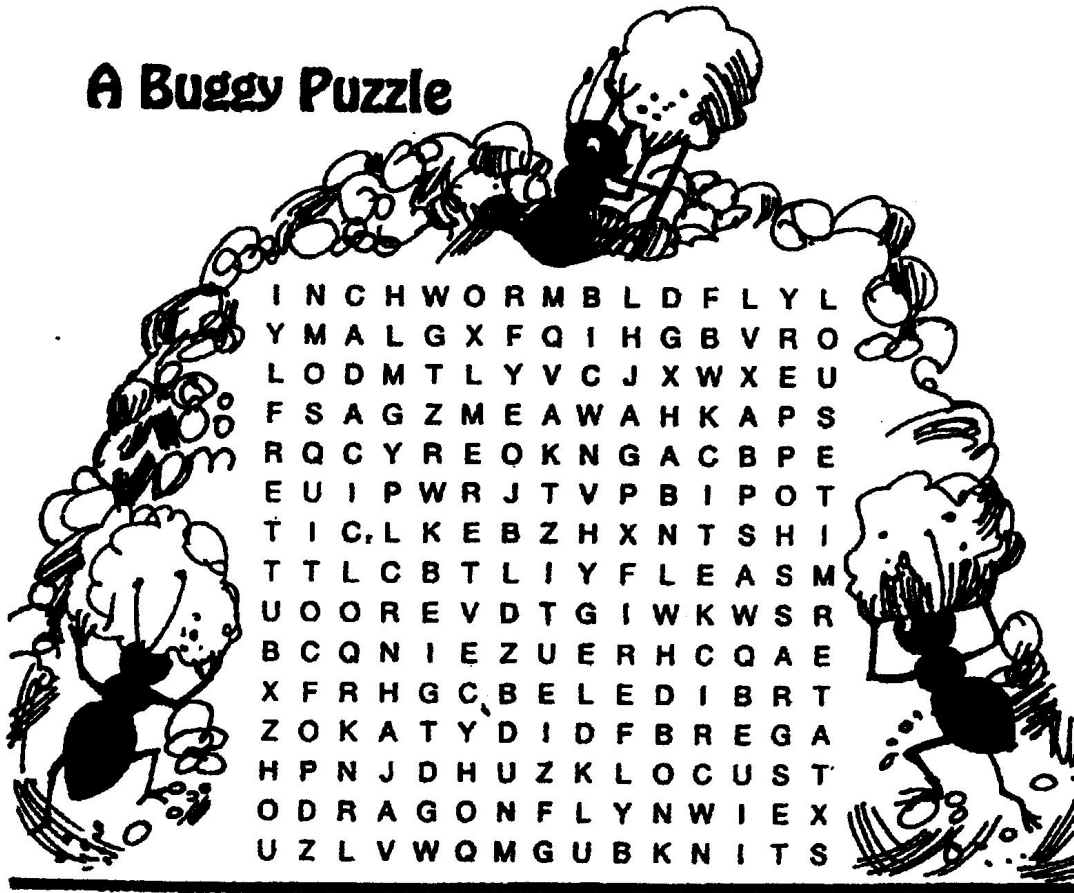
3 across

ACTIVITY 5

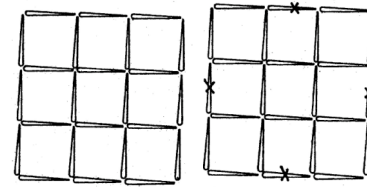


Words: How quickly can you rattle off 100 words in English that do not contain the vowel "A"? (Answer: You can do this faster than you think....try saying the numbers one through one hundred – none of them contain an "A".)

A Buggy Puzzle



Tricky Toothpicks: Put 24 toothpicks in an order that forms nine squares like these in the first picture. Can you make only five squares from the? (Answer: Remove the middle toothpick outside each edge of the form.)



GAMES/DEN ACTIVITIES

Grasshopper Relay: Relay teams line up single file. The first player in each team holds a bean bag or ball firmly between his knees. At signal, he hops to goal line and back to the starting line where he hands the bag to the next 'grasshopper' in line, if a player drops the bean bag, he goes back to the starting line. Team to finish first wins.

Measuring-Worm: In this race all contestants line up at the starting line, fall forward on signal and rest their weight on their hands. Next they draw their legs up under them and then fall forward again on their hands. This continues until the winner reaches the finish line.

Nature Alphabet Game: Divide den into two teams. • Give each team a pencil and paper and ask them to list growing things for each letter. (Example: Ant, Butterfly, Crocus, etc.) Set a time limit. The team with the longest list wins.

Turtle Tag: To insure safety, a player must be on his back with all four feet in the air. The boy who is 'it' counts to ten and all turtles (other boys) must hop up and run at least ten steps before again assuming the turtle position. If 'it' can tag a player before he is 'safe' they exchange places and the other boy becomes 'it'.

Bug: Each player receives paper and pencil. One die is used. Players in turn throw the die. Each side of the die represents one part of the bug. Players draw parts of the body as they roll die.

Directions for play:

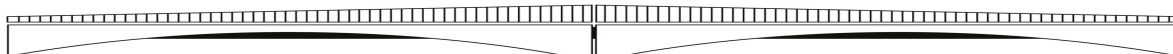
1. One makes the body. Player must throw a 1 before he can make other parts of his "bug."
2. Two is the head.
3. Feelers are 3's. Bug has 2.
4. Legs are 4's. Bug has 6 legs.
5. Eyes and mouth are 5's. Bug has 2 eyes, 1 mouth.
6. Tail is 6.

Winner is player who finishes bug first.

Centipede Race: It is best to run this race outdoors on soft ground. If you try it on a hard floor, it will be hard on hands and knees. Divide the group into teams of two players each. The players on each team get down on their hands and knees, one behind the other. The one in back grasps both ankles of his partner in front of him, so that each pair forms something resembling a centipede. On signal, the centipedes move away from the starting line, and creep toward the finish line.

Insect Hunt: Give each player a pencil and paper, and have them stand in a circle, facing inward. On the back of each player, pin a slip of paper with the name of an insect written on it. On signal, all players try to write down the insect names of all the other players while avoiding showing their own. After two or three minutes, end the game. Winner is the one with the most insect names on his paper.

Centipedes: Play in groups. Cub Scouts get down on hands and knees and grab the ankles of the boy ahead. Try to move to a given spot without breaking hold.



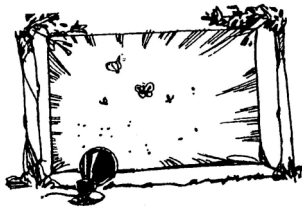
Critter Catching: Divide the den into two teams. Give each boy in one team a balloon (not over filled) to tie around the ankle. On the command “GO”, the other team tries to stomp on the critters (pop the balloons) in a set amount of time. After that, the teams reverse.

Centipede Rope Race: Divide the den into two teams. Give each team a long rope. On “GO”, each boys, in turn, ties the rope around his waist and then sits down. The first team to be completely seated wins.

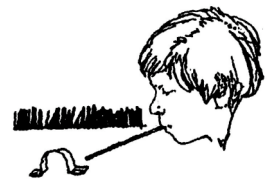
Catch the Bug: Each boy chooses the name of a bug. Boys stand in a circle with one boy in the middle. The boy in the middle calls out the name of a bug while he throws a bean bag (or soft ball) into the air. The boy with that bug name must catch the bean bag before it hits the ground. If he misses, then he becomes the one in the middle and proceeds to call out a different bug.

Busy Bee: Boys pair off, one boy is the leader and calls out different commands such as: stand back to back, or stand side by side. However, when the leader calls out Busy Bees, the boys buzz around and find a different partner. The leader also tries to take one of the partners by touching him. The new odd man out gives the next set of commands.

Inch Worm: Cut a strip of paper about 6” long and an inch wide. Bend as shown and tape a penny under each end for weight. Race the “worm” by blowing on it through a straw.



Moth Lure: To collect moths and other night-flying insects, fasten an old sheet to a house wall or between trees and shine a bright light on it. Within half-hour, you should have plenty of specimens.



Creating Critters: Divide players into small groups. Give each group a pair of scissors, glue and a variety of colors of construction paper. Within a time limit (15 minutes to an hour) each group designs and constructs a new species of animal. They must decide on a name for their critter, tell where it lives and what it eats. When all groups are finished, a spokesman for each group introduces their critter to everyone. Let your imagination run free!

Find Out How Much Alive Soil Is

Materials:

3 large, heavy shopping bags 6 or more bottles with lids or corks
Ruler small spade
Magnifying glass white paper



Measure off one square foot, 2 – 3” deep from each of the following:

- 1) Below the leaves in an ungrazed and unburned woodland.
- 2) A pasture or fence row, just below the surface.
- 3) A badly eroded field where subsoil is exposed.

As you remove the soil, watch for burrows of worms and other animals. You may also find the eggs of certain insects singly or in masses or pods.

Examine the samples, either indoors or outdoors. (If you examine them indoors, small specimens will not be blown away.) Pour out the samples on separate sheets of white paper the size of an open newspaper. Carefully sort the soil, watching closely for small living things. A 1 ft. square of window screen would be helpful in making this examination. Place the different kinds of animal life in separate bottles. Count the animal life belonging to each of the following groups:

1. Worms (such as earthworms or night crawlers having no legs).
2. Grubs (any worm like animal with legs).
3. Snails (snails without shells are called slugs).
4. Insects (any hard-shelled, soft bodied or winged – not all have wings – animal with 3 pair of



- legs).
5. Spiders, mites, ticks (animals with 4 pairs of legs).
 6. Animals with more than 4 pairs of legs.
 7. Others (any animal not falling into one of the above groups).

Which soil sample has the most small animal life? Does the amount of animal life and the burrows of animals make appear to have any relation to the looseness of the soil? Figure out the total number of animals per acre for each group of sampled areas. (There are 435,660 square feet in an acre.) Also figure out the grand total of all of the animals for 1 acre. No matter how large the total visible animals you find in the soil, it is small compared to the number of microscopic plants and animals, particularly bacteria, present.

SONGS

Bugs Convention

(Tune: My Bonnie)

I went to the garden for mother
Some veggies she really did need
But something had got there before me
And had themselves quite a big feed.
Bring back, bring back

Oh bring back my veggies to me, to me
Bring back, bring back
Oh bring back my veggies to me.

As I looked a little bit closer
I saw that I wasn't alone
For there was a big bug convention
Of more bugs than I'd ever known.
Chorus

T'was clear I was greatly outnumbered
And they were ready to fight
I'll just have to tell my mother
We'll eat bread and milk tonight.
Chorus

Littlest Worm

Leader: The littlest worm
Group: The littlest worm
Leader: I ever saw
Group: I ever saw
Leader: Was stuck inside
Group: Was stuck inside
Leader: My soda straw.
Group: My soda straw.
All: The littlest worm I ever saw
Was stuck inside my soda straw.
He said to me - Don't take a sip
'Cause if you do - I'll surely flip
I took that sip - And he went down
Down through my pipes - He must have drowned.
He was my pal - He was my friend
And now he's gone - And that's the end

But then I burped - And he came up
He came right up - Into my cup
He said to me - That wasn't nice
You did it once - Don't do it twice.
The moral of - This little tale
"If you see a worm - Just don't inhale."

Itchy, Itchy

(Tune: "Shimmy, Shimmy, Ko-Ko-Bop")

Itchy, itchy, scratch and twitch;
Got that poison Ivy ick.
Bumpy, lumpy, swollen legs;
Give me lotion, please I beg.
Red and oozing, gooky crud;
Leaf identification dud.
Help me bathe in calamine,
Try this hike another time

Bugs

(Tune: Row, row, row your boat)

Catch, catch, catch a bug.
Put it in a jar.
Sometimes they fly, sometimes they die,
but most get squashed on your car.

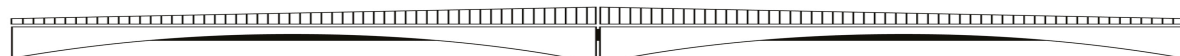
Bugs 'N Things

(Tune: How Dry I Am)

There was a bug who had the blues,
And cried because he had no shoes.
He walked around with six bear feet,
And hid them when other bugs he'd meet.

Such a small, sad bug was he,
Until one day he chance to see,
A happy, wiggle worm crawl by,
With a smile as big as the sky.

That really made the bug feel bad,
For all the time that he was sad,



And just because he had no shoes,
That worm didn't have feet for shoes!

The little bug is smiling now,
Because he finally learned how,
Always be thankful for what you've got,
No matter how little, no matter what!

Bugs

(Tune: One Little Two Little Indians)

Big bugs, little bugs, small and creepy bugs
Fat bugs, skinny bugs, slick and slimy bugs
Stinky bugs, prickly bugs, red and shiny bugs
All out in my garden

Bugs & Weeds

(Tune: The Marine Corps Hymn)

From the ants in our petunia bed,
To the crab grass in our lawn,
We will fight them off with chemicals
Till the bugs and weeds are gone.

We will use quarts and quarts of poison sprays
And we won't stop till we're thru.
The bugs and weeds are dying now,
But the plants and trees are, too.

Caterpillar Song

(Tune: Skip to My Lou)

Lou Caterpillar oh, so fuzzy,
Caterpillar oh, so fuzzy,
Caterpillar or, so fuzzy,
Eating green leaves today.



Caterpillar's making a cocoon,
Caterpillar's making a cocoon.
Caterpillar's making a cocoon,
Now she's sleeping.

Caterpillar's waking up,
Caterpillar's waking up,
Caterpillar's waking up,
Out of her cocoon she comes.

Caterpillar's grown some wing,
Caterpillar's grown some wings,
Caterpillar's grown some wings,
Now she's a butterfly.

Earthworm

(Tune: Did you ever see a Lassie?)

Action: Have the boys move their bodies like earthworms.

Did you ever see an earthworm,
An earthworm, an earthworm
Did you ever see an earthworm
Move this way and that?
Move this way and that way,
Move this way and that way.
Did you ever see an earthworm
Move this way and that?

It's A Bugg-Gy World

(Tune: It's A Small World)

If your long and thin and you lay green eggs,
And you have four eyes and a hundred legs
Then I guess we're agreed, You're a small centipede
In a bug-gy world.
If you suck the juice of a fly you've caught
In a web you wove in a shady spot
Then with aphid hord'oeuvre, spider's dinner is
served
In a bug-gy world.

Chorus

It's a bug-gy world after all
It's a bug-gy world after all
It's a bug-gy world after all,
It's a bug filled world.

It's An Insect-Covered World

(Tune: It's a Small, Small World)

It's a world of centipedes, a world of moths.
It's a world of katydids, a world of wasps.
There's so much that we share,
That it's time we're aware
It's an insect-covered world.

Chorus: It's an insect-covered world.
(Sing 4 times.)

It's a world of beetles, a world of fleas.
It's a world of caterpillars, a world of bees.
In this world that we know,
There is so much to show;
It's an insect-covered world.

Chorus:

It's a world of snakes and a world of snails.
It's a world of turtles, and a world of whales.
Big or little, great or small,
It's a wonder to us all.
It is Mother Nature's world.

Final Chorus: It is Mother Nature's world.
(Sing 4 times.)



Tongue Twister Song

(tune; Battle hum of the Republic)

A busily buzzing bumble bee was busily buzzing by,
A busily buzzing bumble bee was busily buzzing by,
A busily buzzing bumble bee was busily buzzing by,
A busily buzzing bumble bee was busily buzzing by,

Chorus:

They were only playing leap frog.
They were only playing leap frog.
They were only playing leap frog.
As a busily buzzing bumble bee was busily buzzing
by.

A speedy spider spied a spindly spider's back

One fleet fly few up the flue while another fleet fly
flew down.

Worms

Nobody likes me, everybody hates me
Think I'll go eat worms
Long ones, short ones, fat ones, skinny ones
Worms that wiggle and squirm.

First one's easy, second one's queasy,
Third one slides right down
Just bite off the head and suck out the guts
And chew the skins around. YUM-YUM!

The Ants Go Marching
(tune: When Johnny Comes Marching)

The ants go marching one by one,
Hurrah, hurrah!
The ants go marching one by one,
Hurrah, hurrah!
The ants go marching one by one,
The little one stops to suck his thumb,
And they all go marching down to the ground to
Get out of the rain, boom, boom, boom.

2 by 2.....to tie his shoe.
3 by 3.....to climb a tree.
4 by 4.....to shut the door.
5 by 5.....to scratch a hive.
6 by 6.....to pick up sticks.
7 by 7.....to look at heaven.
8 by 8.....to slam the gate.
9 by 9.....to scratch his hind.
10 by 10....to say "The End" (stop here)

There Was a Little Chigger

(tune: Polly Wolly Doodle)

Oh, there was a little chigger
And he wasn't any bigger
Than the head of a very small pin.
But the lump that he raises
Just a itches like the blazes
And that's where the rub comes in,
Comes in, comes in,
And that's where the rub comes in,
Oh, the lump that he raises
Just a itches like the blazes
And that's were the rub comes in.

Said a thousand-legged worm,
As he began to squirm,
Has anybody seen a leg of mine?
If it can't be found,
I'll have to hop around.
On the other nine-hundred-ninety nine.
Hop around, hop around,
On the other nine-hundred-ninety nine.
If it can't be found,
I'll have to hop around.
On the other nine-hundred-ninety nine.

Bug Juice

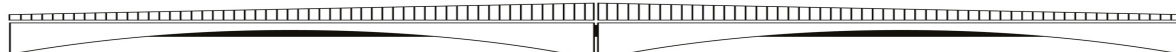
(tune: On Top of Old Smokey)
At camp with the Cub Scouts,
They gave us a drink,
We thought it was Koolaid,
Because it was pink.

But the thing that they told us,
Would have grossed out a moose,
For that good tasting pink drink
Was really bug juice.

It looked fresh and fruity,
Like tasty Koolaid,
But the bugs that were in it,
Were murdered with Raid.

We drank by the gallons,
We drank by the ton,
But the next morning,
We all had the runs.

Next time you drink bug juice,
And a fly drives you mad,
He's just getting even,
Because you swallowed his dad.



SKITS

Bugs, Bugs, Bugs

1ST CUB: There are flies, and fleas, ticks and chiggers.

2ND CUB: There are mosquitoes and ants, and scorpions.

3RD CUB: There are spiders, crickets, and cockroaches and more.

4TH CUB: And they are all creatures of this great earth.

5TH CUB: Believe it or not, they were all put on this earth as part of God's great plan.

6TH CUB: And Mom and Dad, there are days when you think that we are all just as big of a pest as they.

ALL SAY: So tonight we ask that you think of us all as part of that Godly plan, and love us all.

Flea

Boys standing in a line, first boy scratches, then second on down the line, last boy feels it and says "Oh there you are Marvin, I've been looking all over for you. You've got to stop hopping around, Marvin (boy acts as though Marvin has hopped away) you come back here. (goes out into the audience looking and touching people) There you are Marvin, you've got to stay here (looks at pretend speck) Hey you aren't Marvin, (puts it back into the audience) Oh Marvin where are you?"

Hiking with Bugs

Personnel: 6 Cubs (Cub 2 should be the smallest boy in the group)

Equipment: A tent set up as in the out of doors, 2 small flashlights

Setting: 4 very tired and dirty Cubs, are scratching and examining their bites

Cub 1: Boy am I glad to be back from that hike. I'm tired.

Cub 2: The mosquitoes must have called up all of their relatives and told them we were coming. I've been eaten alive.

Cub 3: They said a day hike, not an all day hike. Not only were we out near the river, but we were out all day. Gave those critters too much of a chance to eat at me.

Cub 4: I feel the same way. I couldn't feel worse if I'd been run over by a semi-truck.

Cub 1: Bugs! Bugs everywhere. I wouldn't mind if they didn't itch so much.

Cub 3: The blisters don't hurt as much as the itch itches.

Cub 4: Those insects hadn't seen human being in years. Here put some of this on all the spots. (Boys pass around a first aid ointment. Little lights start flashing in the dark, use 2 boys waving small flashlights)

Cub 2: We'd better get inside our tent now! The bugs are out looking for us with flashlights.

OOOOOO A Bug!

Have a huge wad of chewing gum (or homemade modeling clay), green and black, lying on a plate in the middle of a table on the stage. First boy walks in, looks at the table and comments on how gross the bug is. Other boys come in one at a time commenting on how terrible the bug looks, that someone needs to step on it, not sure if it's dead etc. The last boy comes in asking if anyone has seen his gum, sees the gum on the plate and tells the other boys never mind picks up the gum and pretends to put it in his mouth and walks away. The the other boys comment on how disgusting and sickening that was.

The Trained Caterpillar

"This is Eddy, the amazing trained caterpillar." (Three or four guys with a sheet over them, sort of like a Chinese New Year Dragon.) "Eddy, left!" (Everyone shambles left) "Eddy, right!" (Everyone shambles right.) "Eddy, sit!" (The caterpillar sits.) "Eddy, fetch!" (Throw something that can be picked up with the feet, the first guy gets it with his foot and the others stabilize him, return it.)



"OK, now for Eddy's best trick. We've been practicing this all week. We need a volunteer from the audience. Lie down, and Eddy will walk over you without harming you!" (Eddy does it, but the last guy dumps a glass of water on the volunteer.) "Oh! Sorry! Eddy's not potty-trained yet."

What I Know About Insects

(Choose a good reader to be Cub # 7 and a good actor to be Cub # 8. Boys hold cards with their lines on one side and a picture or name of an insect on the side that faces the audience.)

Den Leader: Our den has been studying insects this month. Let's tell the pack about what we learned.

Cub Scout #1: I know that insects belong to the animal kingdom.

Cub Scout #2: I know that insects are members of the phylum (or group) called Arthropod.

Cub Scout #3: I know that more than 3 million living species of insects live on Earth. Cub Scout #4: I know that more than 750,000 insects have been described on Earth.

Cub Scout #5: I know that insects live everywhere except the polar ice caps.

Cub Scout #6: I know that insects outnumber all other plant and animal groups.

Cub Scout #7: I know that centipedes, crustaceans, millipedes, mites, scorpions, and spiders also belong to the phylum Arthropoda.

Cub Scout #8: (This Cub Scout, rather than looking at his card, has been looking and pointing at the Den Leader's arm. He doesn't say anything when his turn comes.)

Den Leader: And what do you know about insects?

Cub Scout #8: I know that a fuzzy, wiggle thing with lots of legs is crawling up your arm.

All Cub Scouts: (Running to leader) Can I have it? I want it! It's mine!

Giant Caterpillar

A group of Cubs are in a line bending over to represent a large caterpillar. Sheets or blankets are over them.

The Cub who has captured this monster tells the audience he would like to have them watch this phenomenal animal devour food. He sticks a box of cereal under the monster's mouth. It eats it. (Boys underneath shake tin cans filled with pebbles and move up and down to give the appearance of digesting food.) The boy at the end of the monster tosses out an empty box.

This is repeated several times with various food containers. Each time the empty container is thrown out.

Finally, the monster grabs the Cub and after a great deal of commotion, the Cub conceals himself behind the sheet. A Cub uniform which had been concealed under the sheet is tossed out. The group makes a hasty exit with the victim under the sheet.

AUDIENCE PARTICIPATION

Buggy

(Audience repeats each line after the leader.)

We know a place where you can find

Fun things to do of every kind.

We can spy a sneaky snake,

Fill an ant farm in a shake,

Chase the butterflies, flying by,

Jump the fence, it's not too high.

Hear the crickets serenade,

Sit on the grass, drinking lemonade.

Games of all sorts we do play,

And this is the way we pass our day:

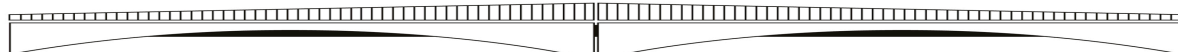
The first one able to climb the tree

Tells the others what he can see.

The dirt and grime that's left on me

Shows how much fun it is to be

Watching all the bugs and bees.



Oh, Mosquito!

(A repeat after me song with motions, that accumulates in reverse order.)

1. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
Mosquitoes everywhere. [repeat]
Even in my hair! [repeat] ("Brush" mosquitoes from hair)

2. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
They seem to like my taste [repeat]
As they nibble on my face. [repeat](Use finger and thumb to "bite" face)
Mosquitoes everywhere [repeat]
Even in my hair. [repeat] (repeat motion)

3. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
They seem to have no fear, [repeat]
As they buzz around my ear. [repeat] (With thumb and finger, circle ear and land)
They seem to like my taste, [repeat]
As they nibble on my face. [repeat] (repeat motion)
Mosquitoes everywhere. [repeat]
Even in my hair. [repeat] (repeat motion)

4. Oh, mosquito! [repeat]
Oh, mosquito [repeat]
They say, "Oh, what the heck." [repeat]
As they bite me on the neck. [repeat] (Make biting motions on neck)
ETC.

5. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
They fill me with alarm, [repeat]
As they land upon my arm. {repeat}(Brush mosquitoes off arm)
ETC.

6. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
No matter what I buy, [repeat]
They bite me in the thigh. [repeat](Swat mosquitoes off leg)
ETC.

7. Oh, mosquito! [repeat]
Oh, mosquito! [repeat]
I must taste awful sweet, [repeat]
"Cos they bite me on my feet. [repeat] (Stamp feet)
ETC.



RECIPES

Biscuit Bugs

Ingredients:
Refrigerator biscuit dough
Raisins
Frozen peas, corn
Cheese bits



Have the boys shape a piece of dough into an insect. They might roll and coil the dough for a snake, roll for a caterpillar or worm or pat into a ball for a lady-bug. Provide them with the additives listed above or other choices to decorate with – spots, legs, antenna. Bake at 350 until light brown.

Crunchy Ant Salad

Ingredients:
2 lbs. carrots – shredded
1 cup celery
1 cup raisins
1 cups vanilla yogurt
(1 cub pineapple tidbits – drained may be substituted for the celery if desired)

Toss the carrots, raisins, and celery together in a large bowl. Stir in the yogurt. Chill before serving.

Ants in the Sand

Ingredients:
2 Graham crackers
Chocolate sprinkles

Place graham crackers in a plastic sandwich bag and crush them with a rolling pin. Add a few chocolate sprinkles to make ants, the seal the bag. Give them to the boys to take outside and eat or let them pour into a small bowl and eat at the table with their fingers.

Variations: Add raisins – beetles, red hots – lady bugs – mini chocolate chips – spider eggs.

Bugs on a Log

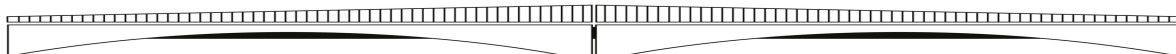
Ingredients;
Peanut butter
Chocolate Chips or raisins
Celery

Take a stalk of celery and fill with peanut butter – place pieces of chocolate chips on top of the log.

Chocolate Spiders

Ingredients:
4 oz. Milk chocolate candy melts
Twizzlers

Cut twizzlers into 1 ½” pieces. Slice each piece in half length wise. On waxed paper place 4 legs on each side and then drop 1 tsp. melted candy in middle for body. Use a toothpick to smooth to uniform circle and connect all candy pieces. Cool completely before removing from waxed paper.



Gummi Worm Cake

Ingredients:

Chocolate cake

Chocolate frosting

1 pkgs. Gummi worms

1 pkg. Oreo Cookies



Make a chocolate cake according to the package or recipe instructions. Spread the icing on the cake as thickly as possible. Crush ½ package of Oreo cookies (this will look like potting soil). Sprinkle cookies on frosted cake and garnish with gummi worms. Make some of the worms look like they are crawling out of the cake. Then sprinkle the top liberally with the rest of the crushed cookies.

Olive Cheese Balls

1 jar Stuffed / pimento olives,

1 (3 oz) package of Creamed Cheese

1 bag crushed pecans

Roll each olive in softened cream cheese then in chopped nuts. Keep refrigerated until ready to serve.

Green Meringue Cookies

2 egg whites

¼ teaspoon cream of tartar

½ cup sugar

½ cup raisins

½ cup chocolate mini morsels

5-6 drops of green food coloring.

Beat egg whites and cream of tartar until stiff. Gradually add sugar until stiff and glossy. Add food coloring. Stir in raisins, nuts and chocolate morsels. Drop by teaspoons on well greased cookie sheets. Preheat oven to 350 Degrees. When cookies go in, lower to 200 degrees and bake 75 minutes. Turn oven off and leave in 15 minutes longer.

Tuna Dogs

Mix together:

1 can tuna

½ lb cheddar cheese, grated

¼ can green chilies, chopped

½ cup mayonnaise

Split 6 -8 hot dog buns and fill with mixture. Wrap each bun in foil. Heat in 350 degrees oven for ½ hour. Or place them in a Dutch oven and over hot coals on a campout. These can be made in advance and frozen.

Worms in Dirt

Gummy worms

Oreo cookies, crushed



Put several gummy worms in the bottom of a clear plastic glass. Cover with a spoonful of crushed cookies. Shake the glass and the worms will pop out of the dirt.

Alternate idea: Put instant chocolate pudding over the top and let one gummy worm peek out. Chill until the pudding is set. Nice for a pack meeting snack.



Bugs on Spuds

2 Russet potatoes

Toppings:

1 chopped scallion

¼ cup yogurt cheese

½ cup grated cheese

2 T. margarine

¼ cup black olives ¼ cup bacon bits

1 T. chopped chives



Pierce potatoes with fork. Cook in microwave for 12 minutes, 6 minutes per side. Let potatoes stand for 3 minutes. With oven mitts on, squeeze potatoes to check to see if they're done. Potatoes should feel soft when squeezed.

Arrange extra toppings in small bowls on table. Cut potatoes in half and add the toppings you like.

Celery Butterflies

1 large stalk celery

2 tablespoons cream cheese

8 vegetable like thin crackers

2 sunflower seeds

Spread cream cheese in the middle place crackers in the cream cheese so they hang over the edge of the celery stick like wings. Put sunflower seeds as eyes.

Caterpillar Scramble

1 frozen bread dough (thawed and divided into 8 pieces)

1 cup or 8 oz. diced ham

4 T. onion

1 cup (4 oz.) mozzarella cheese grated

1 cup (4 oz.) cheddar cheese



Place thawed dough made into rolls on cookie sheet. Chop ingredients and kneed into the bread dough so it is mixed together. Each child places a roll in sequence to make a caterpillar. The head should be larger with raisins for eyes. Let caterpillar rise until double in size. Bake at 350 degrees for 20-25 minutes. This is a complete meal. Serve with ½ cup salad per child on their plate for the caterpillar to eat.

Wiggly Worms on the Cucumbers

(Cucumber Sandwich)

A cool refreshing sandwich of Cucumbers and alfalfa sprouts are great for a lunch box or summer camp lunch.

2 slices of bread

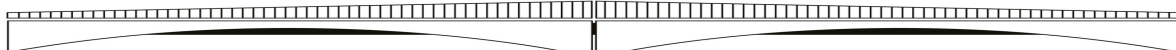
1 med. cucumber

¼ cup cream cheese, or Velveeta cheese spread.

1/3 cup alfalfa sprouts

Rinse the cucumber and alfalfa sprouts, under running water, cut cucumber into thick coins.

Spread the cream cheese on the bread with a butter knife. Add the cucumber coins and alfalfa sprouts; add the other slice of bread.



CRAFTS

Ladybug Trivet

Simply made, this little trivet will hold hot dishes or serve as a plant mat.

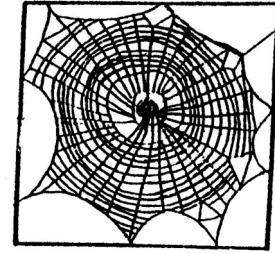
From cardboard, cut an oval, 4" x 5". Apply an oval of glue and place about 1½" of one end of a piece of yarn along the center and then wrap yarn closely around this piece. Continue adding glue and wrapping yarn, until you have covered the entire top. Add markings, gluing yarn down the center and adding felt spots and head section.

Spider Web Pictures

Materials:

Can of spray paint

Study paper



Shake the paint can and spray the web with short bursts from a distance of at least 1 foot. Don't use too much paint; it may collect and drip. Hold the paper flat behind the web, and move it forward until the paper touches. Then pull the paper forward to break the web's anchor strands. The web will stick to the paper and make a pattern. Let the paint dry before you examine the web or try to frame it.

Giant Insects

Use wooden clothespins for bodies and colored tissue for transparent wings. For each insect, draw wings on tissue and add markings unique to each insect. Spray with clear lacquer. While wet, cover with another sheet of tissue. For strength and transparency, spray both sides of double tissue. Let dry. Cut out wings. For legs, shape pipe cleaners. Glue legs and wings to clothespin. Add sequins or beads for eyes. Make antennae by gluing strands of thread together.

Katydid: Paint clothespin green and use green tissue paper, making wings almost as long as the body. Use ballpoint pen to draw on veins.

Butterfly: Paint clothespin brightly use white tissue. Draw wide separations with ballpoint pen. Color with vivid chalk.

Dragon fly: Paint clothespin a dark color. Draw veins on white tissue, about 3" long for each wing.

Grasshopper: Paint clothespin brown. Use either white or yellow tissue for wings and draw on veins.

Horn tail: Paint clothespin a dark color and add yellow stripes. Use yellow tissue for wings, with back wings shorter than front wings. Paint on brown markings.

Ladybug: Paint walnut half red with black dots. Pipe cleaners for legs and add moveable eyes.

Caterpillar

Materials:

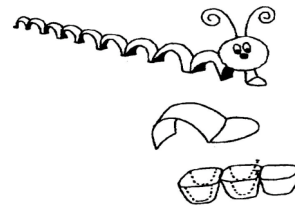
1 - styrofoam egg carton

1 - 2 ½" pom pom to match color of carton

1 - black pipe cleaner

2 - 18mm oval wiggle eyes

1 - ¼" red pom pom



Carefully cut the carton length-wise in half. Cut away the sides from each half creating humps. Glue both strips of humps together to create a long caterpillar. Trim away the sides and glue to the back of the caterpillar. Repeat for front.

Glue large pom pom on the first hump for face. Cut black pipe cleaner in half and coil to form antennae, glue to pom pom. Glue nose to center of face and glue eyes just above the nose.

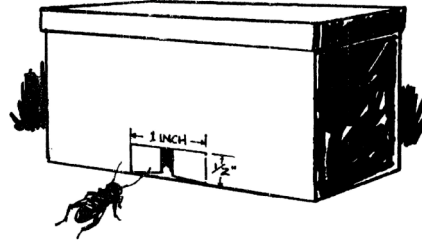


Spider Mobile

Cut one black pipe cleaner into four equal lengths. Push all four through one black (large holed) bead, centering the bead on the pipe cleaners. Spread and bend the legs to look like a spider. Make enough spiders to place every 2 to 3" as they hang from a ring. Attach spiders to a 4-6" ring (wood, plastic, paper plate, etc.) using yarn. Use 3 pieces of yarn or ribbon to make a hanger.

Cricket Trap

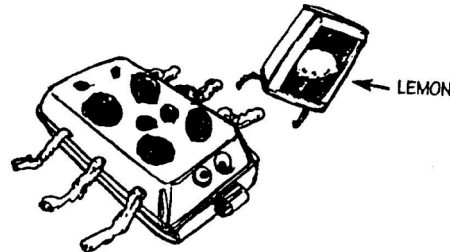
Cut doors as shown at the bottom center of the side of a shoe box. Push the doors inward about 1/4". This gives the cricket room to push in; when it tries to push out, the doors will close. Bait the trap with bread crumbs or potato peels. Set the trap outside where you hear cricket music in the evening, and the next morning you can collect the captives.



Scooter Bugs

Materials:
Small plastic foam carton
Pipe cleaners
Craft knife
Bug decorations (ribbon, buttons, etc)
Markers, glue
Whole lemon

Cut out the bottom of the plastic foam carton. Decorate the top of the box to resemble a bug. Place a lemon under each carton and push it on a flat surface or floor.



Creeping Crawler

Cut a piece of paper about 1 x 5 inches and draw a face on one end. Pull the paper of the table edge to make it curly. With your tongue, slightly wet the paper end by the bug's face. Put him on a table and blow on his tail.

Silly Bugs

Collect an assortment of plastic foam "peanut" packing pellets, markers, pipe cleaners, etc. Allow the boys to create their own bugs and name their unique species.

Bug Eyes

Cut out two attached egg carton cups; cut through bottom of cups to make eye holes. Poke a hole in the side of the attached cups. Thread a pipe cleaner through each small hole. Twist the end of the pipe cleaner closest to the hold around its stem to attach it securely, then bend the other end to fit behind the ear. Decorate your buggy eyes.

Twig Worm

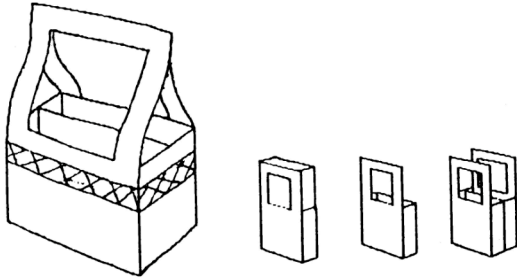
Materials:
1- tan jumbo pipe cleaner
1 - twig
2 - 7mm wiggle eyes
2" - magnetic tape



Wrap the chenille stem around the twig looping one end to create a head. Cut off the excess. Glue on eyes. Add magnetic tape to back.



Cereal Box Carry All



Cut two large cereal boxes in half on three sides. Leave one tall, wide side on each box. Draw a handle on each side, as shown. Cut out the handles, and glue the boxes together. Cover the boxes by wrapping them with fabric and gluing the fabric in place (or use contact paper). Cut narrow strips of fabric and glue them to the handles. Decorate with contrasting fabric if you like.

Bug Swatter Neckerchief Slide

Use brightly colored needlepoint plastic cut to resemble a fly swatter. Hot glue graft stick so that ¼ of the stick extends onto the back of the needlepoint plastic. Hot glue a large bug on to the top. Glue a 2 x 2" piece of PVC pipe to the back of the craft stick for neckerchief to slide through.



Live Insect Slide



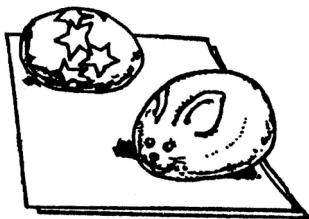
Use a clear plastic container, hot nail or drill two holes in back for pipe cleaner loop, and in one end for air holes. Put a small stick and a live bug inside and replace the lid. Release bug after each wearing.

Fly Slide

The tie slide I like best is the Fly Slide. You take a milk cap lid and fill it with Elmer's glue and have the Cubs check their windows for dead flies and the flies are put in the Elmer's glue. I used plastic flies for the ones I made.

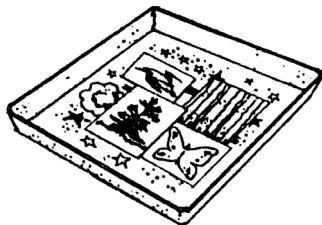
Mother's Day Gifts

Stone Paperweight

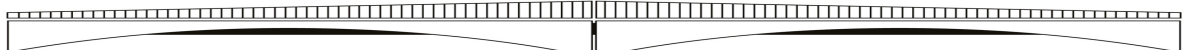


Wash and dry a smooth fist sized stone. Design a funny face or animal or create you own pattern with poster paints, marking pens and crayons. Let dry, then give it a permanent finish with shellac or clear plastic lacquer.

Mosaic Tray



Use cardboard or clean plastic foam meat tray. Paint the inside with enamel or airplane dope. Test first to ensure that the plastic will accept the paint. On the inside, use white glue to add colorful squares and triangles from greeting cards and gift wrap, etc. Finish by painting inside and outside with shellac or clear fingernail polish.



AUDULT LEADER RECOGNITION

Bug Award: make a bug out of chenille sticks and wiggle eyes for the person who “bugs” you to get your job done.

Grasshopper Award: Thanks for “hopping” us out or Thanks for “Hopping” to it and getting the job done.

Bee Award: Thanks for helping us “Bee” our very best.

The Den Leader’s Handbook

This book is presented to new den leaders. Each item is to be a page. There are ten pages in all. The finished book is 2 ½” x 4” in size. Construction paper cover for the front and back of each book and staple it together.

Page 1: TO HELP YOU KEEP YOUR SHIRT ON WHEN YOU BECOME IMPATIENT. (Place a button on the bottom of the page.)

Page 2: TO WIPE AWAY THE TEARS THAT COME WITH EACH LESSON. (Place a piece of Kleenex at the bottom of the page.)

Page 3: TO COVER AND HEAL THE LITTLE HURTS THAT OCCUR FROM TIME TO TIME. (Place a small or half a band aid on page.)

Page 4: IT IS NOT NECESSARY TO BLOW OUT ANOTHER’S LIGHT IN ORDER TO LET YOUR OWN LIGHT SHINE. (Place an unlit match here.)

Page 5: TO REMIND YOU TO BE YOURSELF – BE FLEXIBLE. (A rubberband on bottom of page.)

Page 6: TO HELP FILE AWAY THE ROUGH SPOTS OF THE YEAR. (A piece of sandpaper or emery board us placed on this page.)

Page 7: WE ALL MAKE MISTAKES BUT THEY CAN ALWAYS BE CORRECTD. (A piece of eraser and place on this page.)

Page 8: TO REMIND YOU THAT YOU ARE ONLY USEFUL WHEN POINTED IN THE RIGHT DIRECTION. (A needle should be placed here, represents a compass.)

Page 9: TO HELP YOU THROUGH THE DARKNESS OF UNCERTAINTY. (Place a birthday candle on this page.)

Page 10: TO REMIND YOU THAT YOU MUST BE ABLE TO REACH DOWN TO DO SOMETHING. (A shoelace bow should be placed on this page, as tying shoes.)

ADVANCEMENT CEREMONIES

Spider Web Advancement

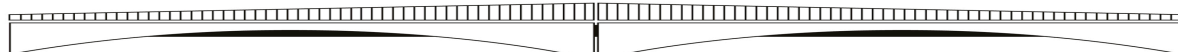
Props: Spider web made of paper, string, fish net, Halloween net, etc.; spider or bug made of plastic or paper for each Cub Scout with the recognition attached, then hooked into the web.

Cubmaster: We’ve been having a lot of fun this month with bugs and other creations in nature. Tonight, we want to honor those in our pack who have really “stuck to the task” of advancing. They didn’t “bug out” when things got tough—they just kept crawling along until they completed their goals. Let’s honor the following boys for their advancement achievements. (Call each rank in turn. Let each boy take his bug from the web, give the badge to the parents to present. Give a bug-like cheer to each as deserved.)

Just Like the Caterpillar

Equipment: You will need a circle, about 15 inches for each boy who is receiving a rank advancement – Tiger Cub, Wolf and Bear; a circle decorated like a caterpillars head for the boys who are receiving Bob Cat; a roll of batting for the boys who receive Webelos to hold and a large poster or cutout of a butterfly for the boys who are receiving Arrow of Light to hold.

Cubmaster: This month, the boys have been learning about bugs. There is one very special bug that we can watch change right before our eyes! The caterpillar is a simple animal, starting with a head and big eyes to take in all the world around him. Our bobcats have big eyes too, as they take in all of the new adventures waiting for them. (Call



all Bobcats and parents forward and present awards. Have the boys hold the caterpillar head and the parents may be seated.)

The caterpillar is made up of segments, which all work together to get him where he where he wants to go. Our Tiger cubs, Wolf and Bears have learned to work together. (Call boys and parents up – present awards. Have parent be seated and give each a boy a circle – the boy segment to hold up behind the head.)

As the caterpillar matures, some changes begin to take place. The caterpillar spins a cocoon and closes itself within. Our Webelos don't spin cocoons, but they have learned to work more independently of their families and closer with their leader and Activity Pin counselors. (Call boys and parents up. Present awards and have parents sit down. Webelos stand along side the Tiger Cubs, Wolf and Bears holding the batting.)

The end result of the caterpillar's life is the new life form that it takes on, a butterfly. The boys who are receiving the Arrow of Light tonight are ending the Cub Scout portion of their Scouting adventure and are now ready to move onto Boys Scouts. (Call boys and parents forward – present awards. Parents sit down and boys hold up the butterfly cut out.)

Just like the caterpillar grew and changed, so did the Cub Scouts in our pack, it just took a little bit longer and maybe wasn't quite as noticeable, but Mother Nature came through once again with another miracle.

Bobcat Induction

The new Bobcats line up with their parents standing behind them. The Bobcats give the Cub Scout sign and recite together the Cub Scout Promise and the Law of the Pack. The Cubmaster says it with them but first reminds them to speak loudly.

Then he asks all the bobcat parents to give the Cub Scout sign and repeat the following, one line at a time.

As a parent of a Cub Scout,
I will do my best
To help my boy
Live up to the Cub Scout Promise
And to obey the Law of the Pack.

I will work with my boy
On his achievements and projects.
I will attend the pack meetings
And help as needed
To make the Pack go.

Tiger Cub Graduation

This is a simple ceremony outline designed to graduate Tiger Cubs and adult partners to the next rank of Cub Scouting.

Materials: Four candles and candle holders. Wolf neckerchiefs and slides (one for each tiger).

Cubmaster: (Call boys and adult partners forward. Stand in front facing the pack. Candle holder with candles is in front of the boys.)

“Search-Discover-Share” has been the motto of this Tiger Cub group for the past several months. You have been exploring new things and places and used this motto in home, school and neighborhood.

(Light the candle on left.) You and your partner have SEARCHED out your home community and have worked together and had fun.

(Light candle in the middle.) You and your partner have DISCOVERED new things together with family and friends and had a sense of being a part of the community and your country.



(Light the third candle.) You and your partner have SHARED with your family and friends and your fellow Tiger Cubs.

Now it is the time to move up the scouting trail of cub Scouts. (Light the fourth candle.) In Cub Scouting, your family is still important as it is throughout your whole Scouting experience. Support in earning each badge comes from your family as well as from your den leader. Your parents will help you each step of the way. (Present new scarves and tie slides. Introduce new wolf Cub Scouts to den leader.)

CLOSING CEREMONIES



B-U-G-S

Setup: Make large cards to spell out BUGS.

B-stands for best. A Cub Scout promises to do his best

U-stands for understands. A Cub Scout understands his duty to God and his Country.

G -stands for goodwill. A Cub Scout gives goodwill.

S- stands for spirits, the Cub Scout spirit.

The letters on the cards spell BUGS. We share our world with bugs and others of God's creatures.

Let us learn to live in harmony with those around us.

The Thankful Bug

CUB SCOUT 1: There was a little bug who had the blues, And cried because he had no shoes.

CUB SCOUT 2: He walked around with six bare feet, And hid them when another bug he'd meet.

CUB SCOUT 3: Such a small, sad bug, always was he, Until one day he chanced to see

CUB SCOUT 4: A happy worm crawl slowly by, With a smile as wide as the big blue sky.

CUB SCOUT 5: That really made the bug feel bad. For all the time he'd felt so sad.

CUB SCOUT 6: For the lack of shoes, he'd had the blues, While the worm didn't even have feet for shoes!

CUB SCOUT 7: The little bug is smiling now, Because that day he discovered how

CUB SCOUT 8: To be truly thankful for what you've got, No matter how little, no matter what!

CUBMASTER: Good night, everyone!

Bugs And Things

Personnel: 6 Cub Scouts

Cub Scout #1: There are flies, and fleas, ticks and chiggers.

Cub Scout #2: There are mosquitoes and ants, and scorpions.

Cub Scout #3: There are spiders, crickets, and cockroaches and more.

Cub Scout #4: And they are all creatures of this great earth.

Cub Scout #5: Believe it or not, they were all put on this earth as part of God's great plan.

Cub Scout #6: And Mom and Dad, there are days when you think that we are all just as big of a pest as they.

All Reply: So tonight we ask that you think of us all as part of that Godly plan, and love us all.



CLOSING THOUGHTS

Cubmaster Minute – Mosquito Bites: When a mosquito bites us, she leaves behind a fluid. This fluid irritates our skin. The scratching we do doesn't last for long, since the fluid is still there. We get momentary relief because we scratch the nerve endings near the surface of the skin. This scratch hurts more than the bite. Like the mosquito bites, sometimes in our lives we have things which might annoy us. It is up to us to find a solution which solves the problem and does not make things worse.



Nature Everywhere and All the Time: It is exciting to learn about animals, birds, insects, flowers, and trees, rocks, soil, weather water and stars! Nature is everywhere an all the time – in cities, in the woods and fields, in the winter, spring, summer and fall! Nature is not confined by time and place – it is everywhere.

But where to begin? How to begin? All you need to start is an inquiring mind – and eyes, ears, nose and hands. Use all sense to gather information from the world about you. In the beginning we might just as well make up our minds that we are never going to know all there is to know about the subject. Remember that it is not so much knowing the names and identifying everything but the joy in making the discovery that counts. Nature is something we can enjoy no matter where we go in the world. Nature is something we should enjoy and respect. Let's step out into the world of nature.

