
COVER PAGE: THEME MIDWAY
CHEERFUL
STRIKE UP THE BAND

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(Includes paper with written permission to use the musical pipes
and I am the creative person with the artwork that is also
included with my pages...so I give permission to use them.)

Resources for Cheerful...Strike Up The Band

Action ContraptionsJ 745.592 Henderson and Brown
Family Fun.....March 1999 and February 2001
Family Life.....June/July 2001
Kids and Kids.....J 790.192 Hart and Hunter
Musical Pipes.....www.musicalpipes.com
National Parks Pow-Wow Book....2006
Program Helps (BSA).....2000-2001
Simple Folks.....781.91 Hunter and Judson
Trapper Trails Pow-Wow Book.....2006
School Projects For Pennies
Linda and Sandra's creative minds!

 JUNO Message Center

From: contact@musicalpipes.com

To: supergma.1@juno.com

Sent: Wed, Aug 12, 2015 02:46 PM

Subject: Re: Musical Pipes Contact: musical pipes

Linda, thanks for contacting me. You are more than welcome to put our instructions on how to make pipe chimes on that DVD (with credit given). How many people will this be going to? What else is on the DVD? I guess I'm just confused by what you mean by Cub Scout training. This going to just the adult leaders in your unit or for round table?

Sometimes it's not the right time or place but depending on the interest I might be able to give you a special discount code if anyone wanting to purchase anything from us. I've been through and taught scouts so I'm more than willing to help you out.

Let me know.

Jay
Musical Pipes
www.musicalpipes.com

—— Original Message ——

Subject: Musical Pipes Contact: musical pipes

From: LindaBlack <supergma.1@juno.com>

Date: Aug 12, 2015 1:54 PM

To: contact@musicalpipes.com

CC:

To:
Webmaster

Name:
LindaBlack

Email:
supergma.1@juno.com

Subject:
musical pipes

Website:

Message:

I am a Cubscout leader with an assignment for our upcoming University of Cub Scouting...formerly called Pow-Wow. I have the assignment for Music on the Midway. Long ago I made musical pipes out of conduit that I will be using...but can no longer find the paperwork that I used for the directions in cutting the lengths. I found your instructions on line and am wondering if I give you the credit for them...could I have your permission to have them put on a dvd that will be produced for this Cub Scout training.

Please contact me at : 801-943-1334 or my email address:
supergma.1@juno.com

Thank you very much.

Linda

Pow-Wow pages for: 2015 Midway

CHEERFUL STRIKE UP THE BAND!

Musical Pipes: information on how to make them. See the chart below and follow the instructions exactly to get the proper sound. (courtesy of www.musicalpipes.com). This set of pipes will bring much excitement to the Cub Scouting programs that they can enhance. There is a possibility of 28 pipes that can be used. Sometimes a Cub can hold two of them at one time, if you don't have enough to hold all of them. Also...you can choose music that doesn't require all of them.



Pipe #	Note	Length	Hole*
0	A	13 27/32	3 3/32
1	A#	13 7/16	3
2	B	13 1/16	2 29/32
3	C	12 11/16	2 27/32
4	C#	12 11/32	2 3/4
5	D	11 31/32	2 11/16
6	D#	11 5/8	2 19/32
7	E	11 5/16	2 17/32
8	F	11	2 7/16
9	F#	10 11/16	2 11/32
10	G	10 3/8	2 5/16
11	G#	10 1/16	2 1/4
12	A	9 25/32	2 3/16
13	A#	9 1/2	2 1/8
14	B	9 1/4	2 1/16
15	C	8 31/32	2
16	C#	8 23/32	1 15/16
17	D	8 15/32	1 7/8
18	D#	8 7/32	1 27/32
19	E	8	1 25/32
20	F	7 3/4	1 23/32
21	F#	7 17/32	1 11/16
22	G	7 5/16	1 5/8
23	G#	7 1/8	1 19/32
24	A	6 29/32	1 17/32
25	A#	6 23/32	1 1/2
26	B	6 17/32	1 7/16
27	C	6 11/32	1 13/32

(* The distance the hole is from the top (where the chime is held) isn't super critical but if drilled at the listed distance it can help improve your chime sound as it allows for maximum free vibration based on the frequency of that note.

The concept behind making your own pipe chime set may actually be easier than you might think. It may, however, take you longer than you had hoped to make sure they are done right. Below are a set of instructions to make 23 pipes (#0-22). You can easily get all 23 pipe chimes out of the materials specified below.

Materials:

- 1/2" standard steel electrical conduit (outside diameter = 11/16"), you'll need a quantity of two 10' pipes to get pipes 0-22
- Something to hold chimes: string, ribbon, leather cord, boondoggle, etc.

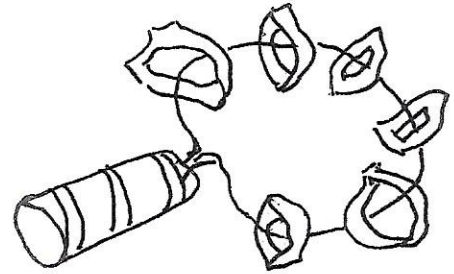
Tools:

- Drill
- Drill bit (size depends on how you wish to hold the chimes)
- Pipe cutter (\$7)
- File/sandpaper for smoothing edges
- Tape measure or ruler
- Free printable pipe chime labels

Tip: Being as accurate as you can while marking your measurements and cutting your pipe chimes will help keep your set sounding in tune. Keep in mind this is not a professional set and even the wall thickness of the conduit varies slightly so you might hear a few notes that are slightly off.

Bone Rattle:

To make this simple musical instrument, have the Cubs save bones from steak, ham slices or lamb. Wash bones in hot water to remove the grease and then thread the bones onto a piece of wire coat hanger as shown. If bones are not available use rings of bamboo. Twist wire to form a handle. Fasten ends of wire to a piece of wood with brads and wrap with tape to cover.



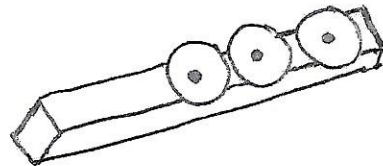
Rhythm Stick:

1 wood stick about $\frac{1}{2}$ x $1\frac{1}{2}$ x 15".

3 juice can lids

3 nails and a hammer

Hammer nails through each juice can lid part way into the stick, leaving room for lid to rattle. To play, hit stick against palm of your hand. Sounds like a tambourine.



Maraca Rhythm Maker

2 paper cups (small is best).

Wooden tongue

Tape

Construction paper

Dried beans, macaroni, small pebbles

Decorate cups with colorful paper designs

or paint. Put small amount of beans

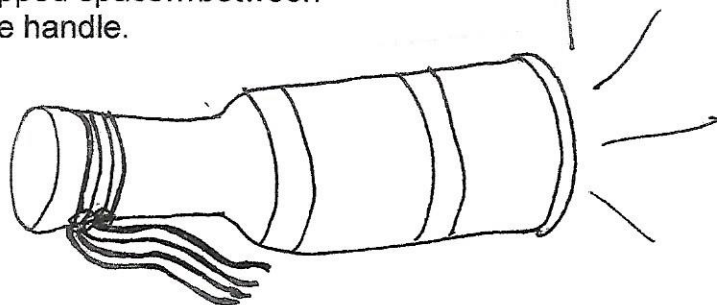
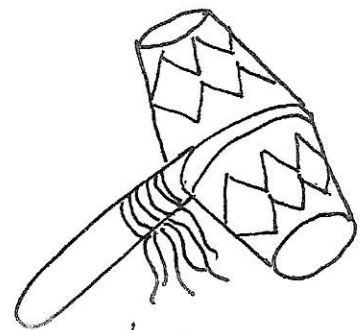
macaroni or pebbles in a cup. Place top

ends of cups together tape or staple around

edges. Leave about 1"untapped. Insert tongue

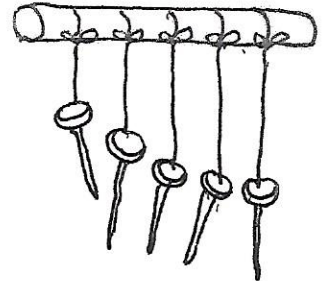
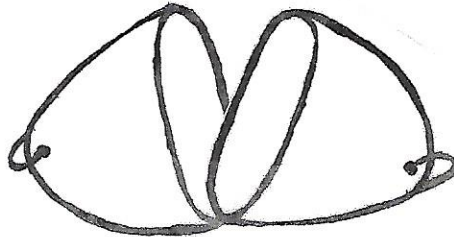
depressor as a handle in untapped space...between

cups. Tape or staple to secure handle.



Wind Chimes:

Chimes can be made with shells...which can be purchased in hobby stores. Drill a hole 1/4 inches down from edge to avoid cracking and 1/4 inch to thread the fishing line through. Using a board of your choice drill a hole that will accommodate your fishing line and string the shells...tying a knot at each so they don't slide down the line...as per the drawing. Also...nails can make a great wind chime.

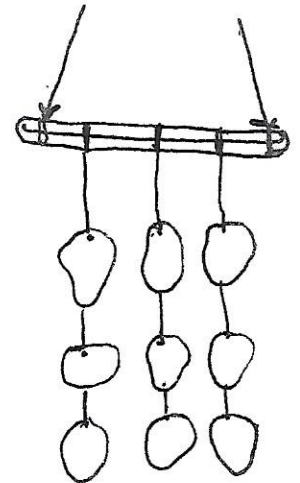
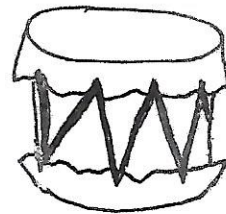


Coconut Shells:

With help, saw the coconut shell in half, depending on the size of the shell, you may have to use two shells. Be sure to drain the milk out before you cut them. Scrape off the prickly bristles from the covering. Scrape out the pulp inside. Leave the shells to dry out thoroughly. Clasp the shells in each of your hands. Gently click the edges of the shells together until it sounds like a horse walking or trotting. You can put a piece of cloth or something else that is sturdy through the two holes in each end to hold on to easier.

Drum:

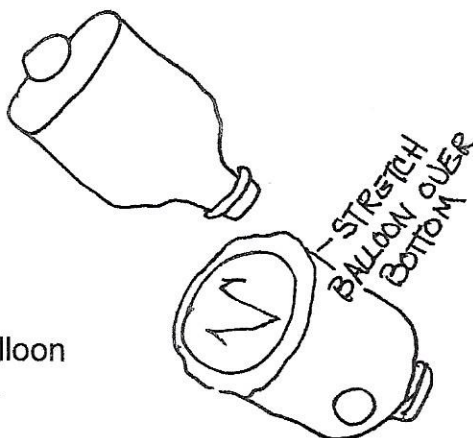
Using a #10 can cut the end out of one side. Cut the "skin" about 2 inches larger than the diameter of the can. Cut holes with a punch about every two inches all around the diameter of the skin. Lace with a piece of cord or shoe lace. Tie a knot to keep it from slipping and it works better if you have a helper holding the can so it doesn't slip. Decorate as desired.



Ping Pong Drum:

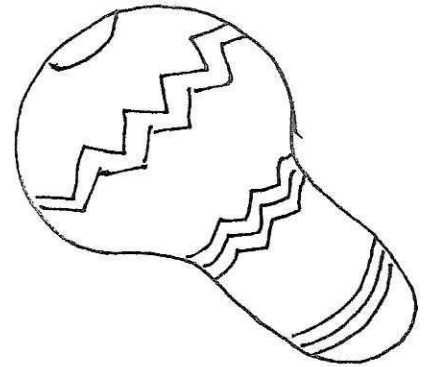
Materials: 1 large balloon
1 ping pong ball
1 plastic bottle (soda)
Plastic tape (Duct)

Cut the top off the balloon, just below the neck. Cut the bottom off the bottle, holding the bottle between your knees, bottom up, put the ping pong ball in the bottle. Use both hands to stretch the balloon over the end of the bottle. Tape in place.



Light Bulb Shaker:

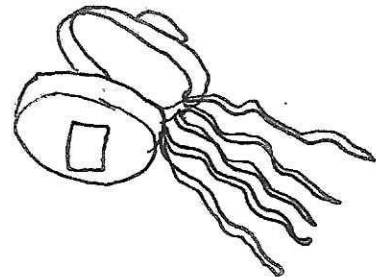
They are still making the OLD FASHION light bulbs. Using paper mache, cover the entire bulb with it...several coats. Allow to dry. Decorate with various designs and acrylic paint. When completely dry...hit the bulb on the side of a table or something hard, to break the glass inside and that will be the "noise" maker.



Castanets:

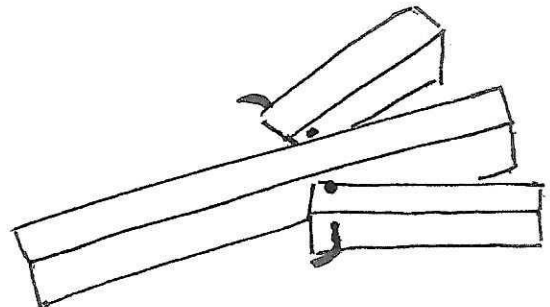
Materials: 1 1in. wide plastic tape
2 rubber bands (from broccoli)
2 2in. dia. Juice lids
Curling ribbon to decorate

Using the tape, secure the rubber bands to the back of the lids, forming a hinge. Place the ribbon in the center of the hinge and tape. Curl the ribbon and start tapping.



Wooden Clappers:

Cut 3 pieces of wood...one 7 in. long
2 pieces 3 3/4 in. Lay all on top of each other, lined up so you can drill two holes 3/8 in. from the edges of the wood at once. Tie all the pieces together securely with a piece of cord as shown. Sand the wood and decorate as desired. (The cord should be just loose enough to allow the pieces to "clap" together.



Paper Sack Noise Maker:

Brown paper bag
Jingle bells
Washers
Yarn
Paper from magazine
Put the bells and washers or any other pieces of metal that will make a noise, inside the paper bag. Roll up the magazine page on the diagonal to use for the handle. Stick that part way into the bag. Blow into the bag to give it air and tie the yarn around top to contain everything in the bag.

