

# MUSIC LOVER

## LEARNING OUTCOMES

Having completed this badge members will:

- Know the *Sol-fa* scale;
- Demonstrate rhythm skills;
- Make a musical or percussion instrument;
- Participate in making music.



## BADGE REQUIREMENTS

1. Sing the tonic *Sol-fa* scale.
2. Echo clap three rhythms.
3. Talk about your favourite song.
4. Make an instrument.
5. Play in a band.

EXPLORERS  
MOONBEAMS



TIME FRAME

Three - Four  
weeks

AIM

To introduce  
members to  
the joy of  
music.





# Teaching ideas



## 1. Sing the tonic sol-fa scale.

Members need to sing the 8 notes of the C major scale. You may like to use *Do-Re-Me* from *The Sound of Music* to teach this.



## 2. Echo clap three rhythms.

The rhythms should have at least 4 beats each.



## 3. Talk about your favourite song.

In addition to member's talking about their favourite song, consider allowing them to play a CD and/or sing their song.



## 4. Make an instrument.

Make simple percussion instruments. Some resources are provided. The library and internet will have other ideas. [http://familyfun.go.com/arts-and-crafts/specialfeature/musical\\_instruments/](http://familyfun.go.com/arts-and-crafts/specialfeature/musical_instruments/)

### Paper Mache Fruit Shakers



#### Materials:

- vegetable spray or cooking oil;
- pieces of fruit;
- newspaper torn in to small pieces;
- large tray to catch mess;
- paste made of 3 parts water to 1 part white glue;
- acrylic paints and clear finish material (water-based Polyurethane is recommended);
- paint brushes;
- disposable gloves (optional, but very nice to have!)

#### Instructions

Put a thin coating of vegetable spray or oil on piece of fruit. Dip pieces of newspaper in glue or starch, removing excess by pulling paper between fingers. Completely cover fruit with several layers of newspaper. Allow to dry for a couple of days. Cut fruit in half with a serrated knife, and remove fruit and skin. Discard or compost. Put rice or other filler in paper fruit, and use small amount of masking tape to seal halves together. Repeat with several more layers of glue-dipped newspaper, and again allow to dry. You can lightly sand any rough edges before painting. Paint with appropriate fruit colours, and seal with polyurethane.

### Jingle sticks



#### Materials :

- six metal bottle caps for each stick;
- six inch dowels or sticks;
- common nails, approx. 1 3/4" long;
- one nail larger in diameter, to use to punch holes in bottle caps;
- Polyurethane or other clear finish;
- optional: different coloured electrical tape, and permanent black marker.

# Teaching ideas

## Instructions :

Coat dowels with 2 coats of polyurethane, and allow to dry. Using larger nail, hammer holes in the centres of the bottle caps. Using common nails, hammer 3 sets of 2 bottle caps each along one side of the dowel, leaving enough dowel for handle. If desired, decorate handle end of dowel with bands of electrical tape, and draw design on tape with marker

## African Tambourine



### Materials :

jar to set balloon in while forming paper mache;  
12" balloon;  
masking or other tape;  
awl or ice pick for punching holes;  
hot glue and glue gun;  
newspaper torn into 1" strips ;  
white glue and water mixture (1 part glue to 3 parts water);  
acrylic paint  
1 3/4" wide cloth or duct tape (vinyl or electrical tape won't stick well)  
yarn or string;  
cowry shells, buttons, or beads ( shell necklace is less expensive than individual shells).

### Instructions

Blow up balloon to about 2/3 full size (this is arbitrary). Set the balloon in jar, and lightly tape it to keep it from rolling around. Dip strips of newspaper in glue and water mixture, and pull off excess by running paper through fingers. Cover top half of balloon with several layers of newspaper, and allow to dry for 2 days. When paper mache is dry, remove balloon from jar, and pop it. Using scissors, cut an even edge around the bottom so you have a bowl shape. Fold cloth or duct tape over the cut edge of the bowl. Using an awl or an ice pick, punch holes all around the bowl, just below the cloth tape, and a couple of inches apart. Thread yarn or string through the holes, and attach shells or buttons on the outside of the bowl, allowing them to hang loosely making a sound when the tambourine is moved back and forth.

**Comments:** to play the tambourine, hold it in both hands, with fingers up, and twist wrists back and forth. Once you have mastered this, you can gently toss it while twisting your wrists.

## sand Blocks



### Materials:

pieces of wood (1X4 cut into 4" lengths);  
felt rectangles cut to fit blocks of wood ;  
medium grit sandpaper cut same size as felt pieces;  
white or other glue ;  
Polyurethane and brush to seal wood;  
Optional - stickers to decorate wood blocks.





# Teaching ideas

## Instructions

Lightly sand wood blocks, and check to be sure there are no rough edges or splinters. If you are decorating the blocks with stickers, place them now. Then coat bottoms and sides of all blocks with 2 coats of Polyurethane. Let dry. Glue one or two pieces of felt, and then a piece of sandpaper onto the blocks, and place weight on them while they dry.

## Juice Can Shakers



### Materials:

Tin cans;  
Duct tape;  
Waxed paper;  
Rice or other similar filling;  
Hot glue;  
Tape in different colours .

## Instructions

Empty can, remove the label and wash and dry the cans. Put a small amount of rice in each can. You can hold your finger over the top and shake it to see if it seems like the right amount. Place a strip of duct tape on waxed paper (the waxed paper is simply to act as a backing for the tape while you cut it). Trace a circle using the bottom of the can, and cut out enough duct tape circle for each can. Peel the waxed paper off and carefully apply the tape over the top of each can. Then make a ring of hot glue around the edge of the duct tape to further seal the top. Lastly, put one piece of coloured tape around the middle of each can.

## Jingle Bracelets



### Materials:

elastic ponytail holders or Chinese jump rope (one jump rope will make 7 jingle bracelets)  
elasticized thread  
scissors  
jingle bells (available by the handful at craft and fabric stores)

## Instructions

Cut Chinese jump rope into seven inch lengths and form bracelets by tying ends in a knot. Using elasticized thread, tie 4 jingle bells on each bracelet, Space them equally around the bracelet.

## Quilting Hoop Drum



### Materials :

14" quilting hoop (available at craft and fabric stores)  
white glue  
heat-shrink nylon fabric  
clear polyurethane and brush to apply it  
acrylic paint or permanent markers for design  
wooden dowel  
wooden ball with pre-drilled hole the same size diameter as the dowel

# Teaching ideas



TEACHING  
IDEAS

## Instructions

Spread a bead of glue on opposing faces of the two hoops. Cut a 17" square of fabric. Place the inner hoop on a flat surface and overlay the fabric square so that the sides overhang evenly. Loosen the nut on the outer hoop so you can spread it enough to fit it over the inner hoop. Tighten the wing nut as you adjust the fabric, working out any wrinkle and puckers. Let glue dry. Heat-shrink the fabric by running an iron at the nylon setting repeatedly over the fabric. (each drum will tighten a little differently and have a slightly different sound). Trim the excess fabric. Paint a design on the drum, if desired, and finish by sealing all surfaces with a coating of clear polyurethane.

Make the drumstick by cutting a dowel in 8" piece. Glue small wooden ball on the end.

## Cardboard Box Guitar



### Materials:

Cardboard box (e.g. tissue box);  
Cylindrical roll;  
4 large rubber bands;  
Paints, brushes and other decorative materials.

## Instructions

Cut a hole about 4 inches in diameter in the top of a good, strong box (e.g. tissue or shoe box). Attach the roll to one end of the box as the arm. Stretch four or more rubber bands around the box (thinner and tighter bands make higher-pitched sounds). Decorate as required.

## Margarine-Tub Drum



### Materials:

a small margarine tub and lid  
coloured duct tape  
a 3/8-inch dowel cut to an 8-inch length  
two 6-inch pieces of string and  
two wood beads.

## Instructions

Decorate the tub and lid with shapes cut from the tape. Use a craft knife (parents only) to cut a 3/8-inch hole through one side of the tub and slide the end of the dowel through it. With the dowel facing down, poke a small hole in each side of the tub. Thread a piece of string through each hole and knot the ends inside the tub. Tie a bead onto the free end of each piece of string. By rolling the dowel back and forth in his hands, your child can make his own one-drum salute.



# Teaching ideas

## Yogurt-cup shakers

Materials;

Empty yogurt cups ;

Hot-glue gun;

Popcorn kernels or dried beans;

Yardstick, wooden spoon or paint stirrer;

Strong cardboard.

Pour various amounts of different materials into the yogurt cup and shake it until you find a sound you like. Cut the cardboard to fit the top of the cup and glue it over the opening

## Bottled Music



**Materials:**

8 x 500g bottles

Water

Stickers labelled with numbers or different colours

**Instructions:**

Fill the bottles according to the following measurements – adjust as necessary.

Affix numbers to each bottle, 1 through 8 (or use different-coloured stickers for younger kids). To play, lightly blow across the tops of the bottles or trying using a spoon against the bottle.

Do – 200gm

Re – 260gm

Mi – 350gm

Fa – 390gm

Sol – 460gm

La – 490gm

Ti – 520gm

Do – 530gm

## Bottle-cap Tambourines

**Materials:**

Strong, Y-shaped branch, preferably hardwood

Dozen metal bottle caps

Strong wire

Acrylic paint and brushes

Assorted decorations; feathers, coloured cord, or beads

**Instructions:**

Remove the rubber liners from the bottle caps by placing the tops on a hot grill for five minutes (this step is optional but recommended, as it greatly improves the sound). Decorate the stick with paints and feathers. Flatten the caps with a hammer then use a nail to punch a small hole in the centre of each cap. Thread the caps onto the wire and string tautly between the arms of the Y.



## 5. Play in a band.

The band may simply be comprised of percussion instruments played to a CD or song sung together.