



The Lima Symphony Orchestra
and ArtSpace/Lima Present:



Music at Home!

MAKE YOUR OWN MUSICAL GLASSES!

The Lima Symphony percussionists play all kinds of instruments that you can hit with sticks. You can make a fun and simple glass mallet instrument using things around your house!

YOU WILL NEED:

- 5 glasses of similar size (wine glasses work best, but mason jars or any other glasses will work too)
- Water
- Pencils or Chopsticks
- Food coloring (optional)



DIRECTIONS:

1. Set the glasses up in a row. If using glasses of multiple sizes, tap them with the pencil or chopstick and set them up from lowest pitch to highest pitch when empty (1 is the lowest pitch, 5 is the highest pitch)



1



2



3



4



5

2. Fill glass 1 with water - this will be your lowest pitch.
3. Add water to the remaining glasses with slightly less water in each glass. Adjust water levels to achieve pitches: DO RE MI FA SOL
4. Add one or two drops of food coloring to each glass for a bright and fun looking instrument!

NOW PLAY!

Tap glasses gently with pencil or chopsticks to create tones.

Try some simple tunes!

Mary Had a Little Lamb:

3 2 1 2 3 3 3
2 2 2
3 5 5
3 2 1 2 3 3 3
2 2 3 2 1

Hot Cross Buns

3 2 1
3 2 1
1 1 1 2 2 2 2
3 2 1

Jingle Bells

3 3 3
3 3 3
3 5 1 2 3
4 4 4 4 4 3 3 3 3 2 2 3 2 5
3 3 3
3 3 3
3 5 1 2 3
4 4 4 4 4 3 3 3 5 5 4 2 1

Did you know that Benjamin Franklin created a version of this instrument in 1761 called the "Glass Harmonica"?

For a completed demonstration of musical glasses by a Lima Symphony Musician, visit our YouTube page:
<https://youtu.be/UNhwHEQfrDE>