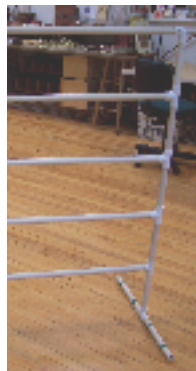


## FENCE DIRECTIONS

In the article “Learning Through Exploration and Play,” contained in *The Orff Echo* (Fall 2007), pages 21-26 children are shown playing with a giant staff. When we first build it, it is called a “fence,” referring to our classroom chart of Old MacDonald’s farm. A fence was needed to keep the animals away from the up and down road. (But that’s another lesson.) Following are listed the parts and directions for making the fence so the children can have the experience of building the fence/staff from the bottom-up (hence our crazy musical numbering system). Children will discover actual “space” between, above and below the lines of the fence as well. More ways to “play” with this fence are also included.



### Supplies needed for a 6 foot wide staff:

- Five lengths of 10-foot PVC white, 3/4-inch, thick walled pipe (1/2 pipe won’t work)
  - Two 3/4-inch elbows (90°), slip - not threaded
  - Ten 3/4-inch tee joints, slip -not threaded
  - Optional - Krylon® Fusion black spray paint
- PVC pipe cutter (sawing does not work very well)

### Directions:

- Cut each 10-foot length of pipe at 6 feet. The remaining 4-foot sections will be used for spacers and the stand. There will be one 4-foot section remaining. Save it for spare parts.
- Cut the 4-footers into ten 9-inch pieces and four 12-inch pieces (bottom of stand). Clean off the printing on the pipe with acetone, lacquer thinner or wet (black) sandpaper and water. Assemble as shown. (Don’t forget to explore and imagine what the parts could be before going straight to fence building. See pictures in *The Orff Echo* pictures. How many sounds can you make from the smaller pipes?)

### Mrs. Treble Clef

#### Directions:

- Lay the fence on the floor without the stand pieces. Slide a large piece of cardboard (refrigerator box) under it. Make sure that the clef you draw is taller than the staff and sits on the bottom line. Use a pencil to make your preliminary sketch.
- Mrs. Treble Clef’s nose will point to the top line, her neck will cross at the 4th line, her tummy will almost touch (or touch) the third line, the line will end after crossing the 2nd line and her foot will hang below the staff. Once you have finished the pencil sketch, remove the cardboard and color the lines widely with a marker or black electrical tape. Add a face.
- Now, cut out around the exterior of the entire clef and place reinforcements on the back with yardsticks glued on like a spine. At her neck, screw on a large broom clip on the back to a black painted drawer pull on the front so you can clip her on to the 4th line.

### Supplies for a two measure, 10 foot wide staff.

- Seven lengths of 10-foot PVC white, 3/4 inch, thick walled pipe
- Two 3/4-inch elbows (90°), slip - not threaded
- Twelve 3/4-inch tee joints, slip -not threaded
- Four 3/4-inch cross joints, slip -not threaded

### Directions:

- Cut five of the 10-foot lengths of pipe at 5 feet. Cut the remaining pipe into fifteen 9-inch pieces and six 12-inch pieces. Assemble as before with the four crosses and four spacers in the middle of the two 5-foot sections, thus creating a bar line .



*Mrs. Treble Clef* (See FENCE ACTIVITIES for directions for making the oval notes.)

