

# 5th Grade Musical “Play”Ground Project

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**Instrument Title: Bell Tree**

**Description: different types of bells tied or glued onto metal poles and/or wooden boards put together with a pair of mallets for playing**

**Pitched or non-pitched instrument: non-pitched instrument**

**Materials Needed: (exact types and amounts) several types of bells, a strong type of string and/or glue (Ex: twine, fishing line, jute, superglue...), a strong stand that will not rust or weather (metal poles, wooden boards), a pair of mallets (strong sticks, metal poles cut to size, xylophone mallets)**

**Timbre: high, joyful, fun**

**Duration: depends on which bell you play, can be long or short**

**Volume: depends on which bell you play, can be high or low**

**Instrument Title: PVC pipe xylophone**

- **Description: Different sized PVC pipes stuck together on a wooden post**
- **played with flip flop**

**Pitched or non-pitched instrument: pitched**

**Materials Needed: (exact types and amounts)**

- **eight different sized PVC pipes (6 in. 8 in. 10 in. 12 in. 14 in. 16 in. 18 in. 20 in.)**
- **duct tape**

- flip flop
- wood (4 feet)
- nails

**Timbre: light and bouncy**

**Duration: quick and short**

**Volume: Depends on how hard you hit the pipes**

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**Instrument Title: Wooden xylophone**

**Description: wooden planks of different sizes, with nails, string and wooden rods, with mallets**

**Pitched or non-pitched instrument: pitched**

**Materials Needed: (exact types and amounts):**

**-Wooden planks (different sizes)**

**-string**

**-nails**

**timbre: wood sound**

**duration: each hit sound lasts about 3-4 seconds**

**volume: depends how hard you hit it**

Elements of sound

- 1) pitch
- 2) volume
- 3) duration
- 4) timbre

Wooden xylophone

Supplies: wooden planks (of different sizes)  
 • string • nails • wooden rods and balls

pitch-all

volume- decently loud

timbre- wood sound

duration- for each hit, the sound lasts 3 sec.



