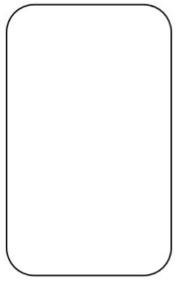


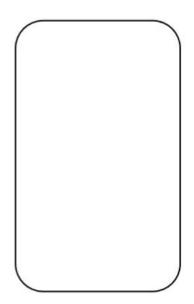


Cut out the instruments and paste them in order from smallest to largest.

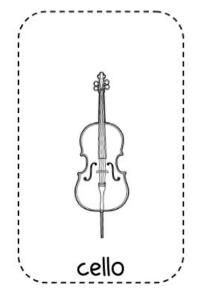
The instrument with the highest pitch is the _____. The instrument with the lowest pitch is the _____.

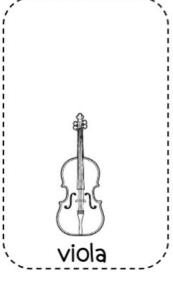
smallest

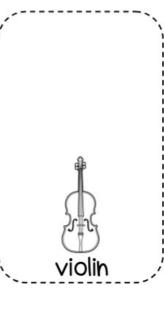


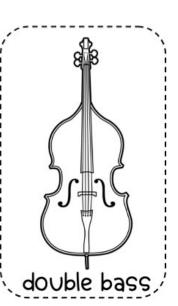


largest











The Science of Pitch

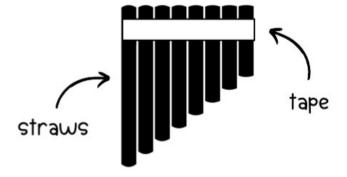
Create Your Own Woodwind Instrument



When sound moves through the air, it creates soundwaves. You can't see soundwaves, but the slower they move, the lower the sound. If sound has to travel through a long tube, it will move more slowly because it has a longer distance to travel. When the straw is longer, the pitch is ______.

1. You Will Need:

- -straws (five, six, or more!)
- -tape (duct tape is especially good!)
- -scissors



2. To Assemble:

-cut the straws to different lengths, and line up in order -tape together in a row

3. To Play Your Instrument: -blow through the different tubes, one at a time. Notice what happens to the sound when you blow through the straws!

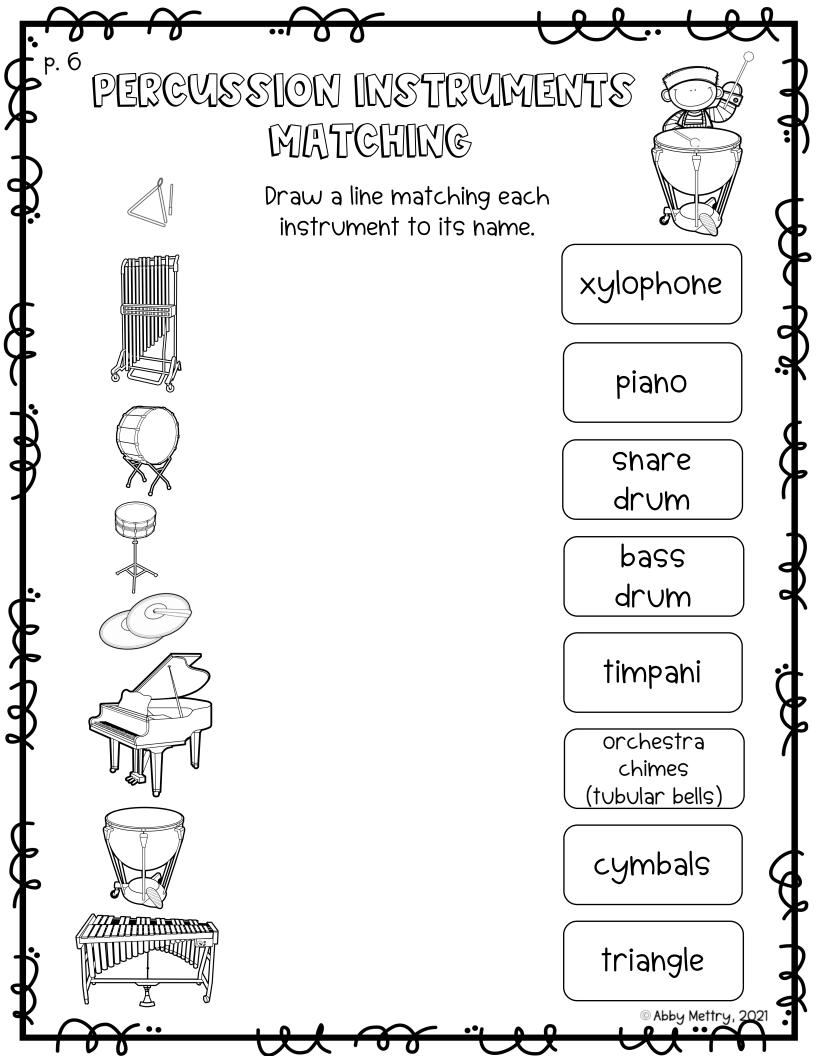
Write it!



Describe what it sounds like when you blow through the shortest straw. Is the sound high or low? What about the longest straw?







COLOR BY FAMILY

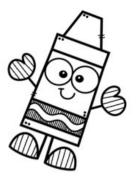
String

Strings - green

Woodwinds - red

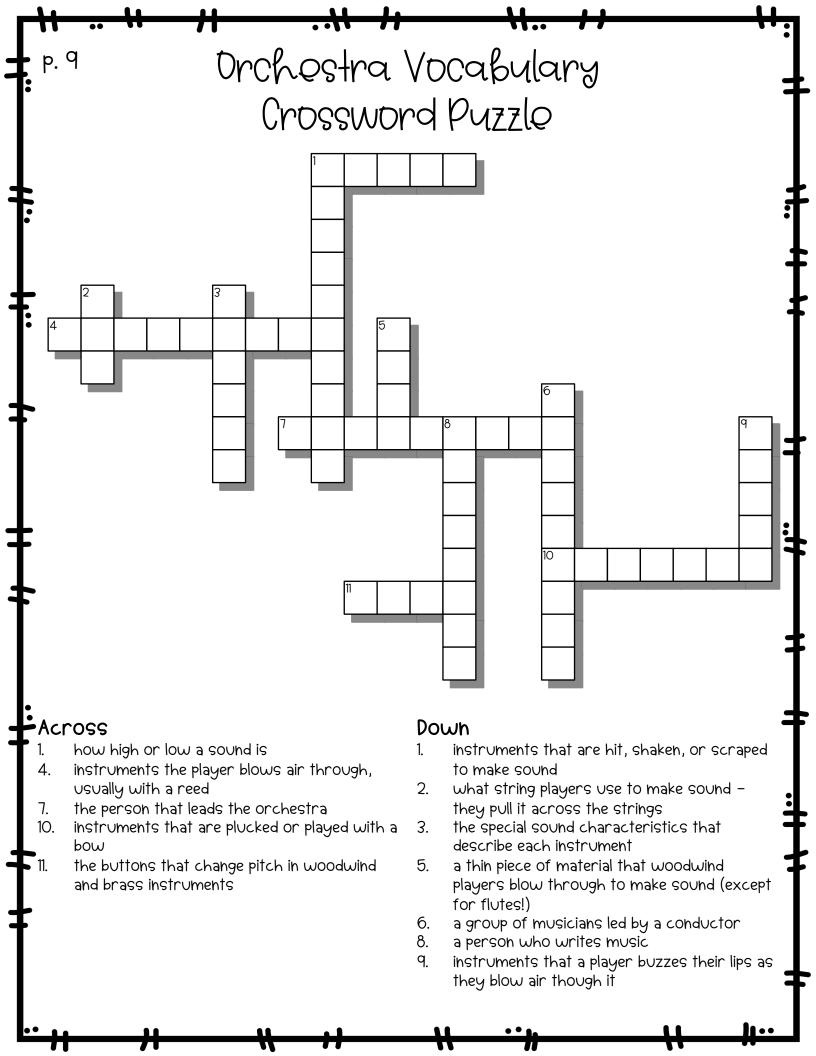
Brass - blue

Percussion — yellow





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(answer key)

