



OKLAHOMA CITY COMMUNITY COLLEGE
PRESENTS

Sir James and Lady Galway

Tuesday, October 9, 2018, 7:30 PM

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www.occc.edu/pas

HISTORY OF FLUTES

The flute is a reedless instrument in the woodwind family and is played by blowing air across an opening. Most flutes played today are called transverse, or edge-blown flutes. The earliest flutes, made from bones or tusks, have been found dating back 43,000 years in the region now known as Germany. A modern day flute, or Western concert flute, consists of a head joint with an embouchure hole (across which the air is blown), the body and the foot joint. The concert flute can be made of wood, silver plate, silver and gold. The flutist can change the pitch of the sound by opening and closing keys which cover holes in the body and foot joint. Different types of flutes played in other countries and cultures include the shakuhachi in Japan, Anasazi Native American flute, Peruvian pan flutes, East Indian and Chinese bamboo flutes, and tin whistles from Ireland. In addition to the concert C treble flute, the flute family contains different sizes of instruments, such as the alto and bass flutes, and the smaller piccolo (wooden or metal).

STUDENT ACTIVITY – MAKE YOUR OWN FLUTE

Materials:

- Glass bottles (5)
- Roll of Duct Tape (1)
- Scissors
- Beaker (measurements in milliliters)
- Water

Instructions:

1. Create your notes:
Bottle 1: fill with 177 ml of water and mark as a “C” note.
Bottle 2: fill with 237 ml of water and mark as a “D” note.
Bottle 3: fill with 266 ml of water and mark as a “E” note.
Bottle 4: fill with 296 ml of water and mark as a “F” note.
Bottle 5: fill with 300 ml of water and mark as “G” note.
2. Use duct tape to connect your bottles. For complete instructions on how to fix bottles to each other, visit: <https://youtu.be/zEumX2qBGUc>
3. Blow across each of the bottle’s openings to practice making sounds.
Hint: students should blow across the top of the bottle, rather than down into it.
4. Print the *Twinkle Twinkle Little Star* music sheet available here: <https://bit.ly/2MJriXP> and ask students to play the song.

EXTRA CREDIT: Attend a live performance. OCCC presents *Sir James and Lady Galway*, the “Living Legend of the Flute”. For more information visit www.occc.edu/pas



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