

# INSTRUMENTS OF THE ORQUESTRA

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2017.

# A need to know

Look at the instruments

Describe them

Compare some  
instruments

Name the parts of the  
instruments

- ☐ We want to teach others...
- ☐ Sound of the instruments
- ☐ Timbre
- ☐ Perception of sound
- ☐ Shape and materials
- ☐ Listening to music
- ☐ Strings, wind, percussion

# Executive FUNCTION TOOLS

**Working memory:** ability to hold information about sounds and types of sounds.

**Task initiation:** ability to generate ideas to different instruments and materials (strings, drums, etc.).

# CONCEPTS

```
graph LR; A[SOUND OF DIFFERENT INSTRUMENTS] --> B[FAMILIES OF INSTRUMENTS: STRINGS, WIND, PERCUSSION]
```

SOUND OF  
DIFFERENT  
INSTRUMENTS

FAMILIES OF  
INSTRUMENTS:  
STRINGS, WIND,  
PERCUSSION

A solid pink circle is positioned at the top center of the slide.

# CALP

**Strings, wood, wind, drum, bow, keyboard,  
hammers, brass, reed, tube, holes, violin,  
clarinet, piano**

# ADVANCE ORGANICER



School of Rock - classroom leadership.mp4



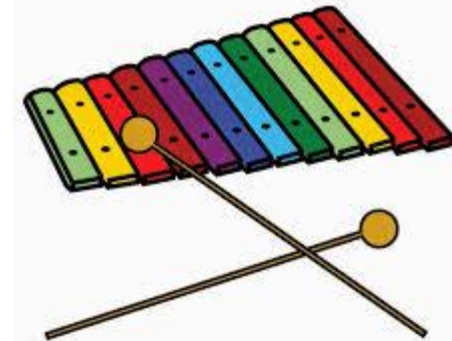
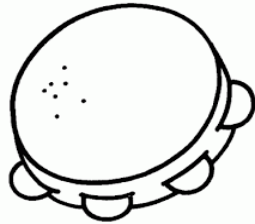
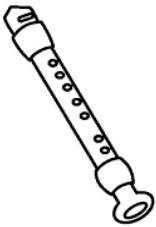


# A driving question

Taking in account that the instruments produce different sounds... How do the musicians make sound with different materials and procedures?

# INTRODUCTION TO PROJECT “EXEMPLARS”

POSTER WITH 3 DIFFERENT  
INSTRUMENTS, EACH ONE OF  
THEM FROM A DIFFERENT FAMILY





# HOTS IN THE FIRST STEP

- **Analyze:** analyze the components of the instruments, focusing on the materials, the shapes and the sounds they produce.
- **Evaluate:** considerate the needs of different instruments and sounds.
- **Create:** A draft with three different types of instruments.

# TEACHING SEQUENCE

- **SESSION 1:** Advance organizer and presentation of the programme (driving question).
- **SESSION 2:** Materials and sounds (CALP)
- **SESSION 3:** Strings: bowed, stuck. Examples for cooperative learning Think pair share.
- **SESSION 4:** The Wind: wood and brass. Examples of cooperative learning. Pass a problem.
- **SESSION 5:** The percussion: drums, wood, metal... Examples for cooperative learning. Pass a problem
- **SESSION 6:** Sounding all together
- **SESSION 7:** Instruments in the History.. POSTER.

## Learning problem:

A question: Where did they get the material for the strings in last centuries?

(solution: from sheep gut)

# INQUIRY QUESTIONS



How could you describe the recorder's sound? Is it one sound or several sounds?



How many strings a guitar has?



What are the components of the bagpipe?

# CHECKLIST FOR MY PROYECT

**TASK 1:** Exemplars- HOTS- Draft.

**TASK 2:** Map of instruments of orchestra and each family.

**TASK 3:** Listen to some audios and watching videos of each family or instruments.

**TASK 4:** Photos of each family of instruments.

**TASK 5:** Present the poster.

# BENCHMARKS AND CHECKLIST FOR MY PROJECT

**1. Thought  
about one  
drafted  
about  
musical  
instruments**

**2. Drew a  
map of  
instruments  
of each  
family**

**3. Looked for  
videos about  
some different  
instruments**

4. Looked for  
pictures about  
instruments of  
each family.

**5. Made the  
poster**

# RUBRIC

**“He /she listens to the instruments paying high attention to their sound”. From 1 to 5.**

I like this rubrick because it is general but at the same time is quite specific.