



# Instruments

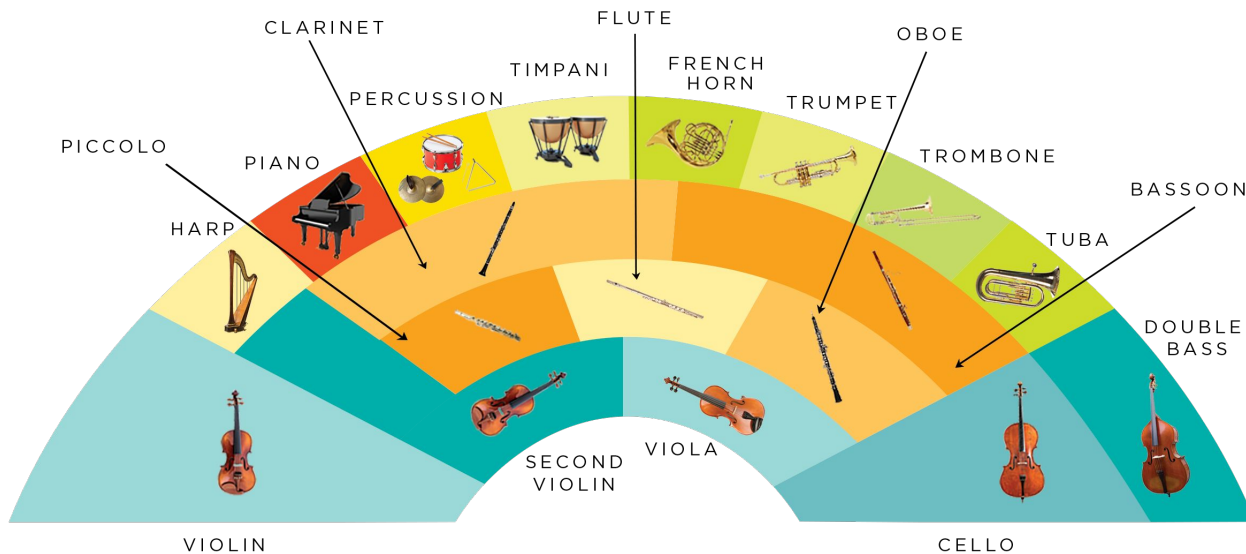
How to stay awake in a classical music concert

# Walt Disney Concert Hall (LA Phil)



# Modern symphony orchestra

Click to [hear each section!](#)



MODERN  
PERIOD

Click for [all Western classical periods](#)

# Baroque - mostly small ensembles

Viola da gamba - leg instrument

- similar to cello, 6-7 strings

Viola da braccio - shoulder instrument

- Viola di fagotto
- Viola pomposa - created by JS Bach
- Viola da spalla
- Viola d'amore

Harpsichord



# Keyboards

Harpsichord = plucks string

Fortepiano = hammer strikes string

Modern Piano = hammer strikes string, fuller sound

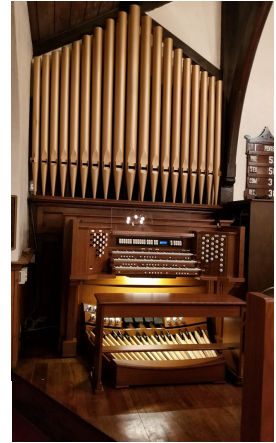
Organ = send pressurized air

Celeste = hammer strikes steel plate

Synthesizer = electronic



Compare structures!



# Percussion

Cymbals, Hi-hat, tambourine, tam-tam, gong

Marimba, xylophone, vibraphone,

Triangle, tubular bells

Drums: timpani, bass drum, snare drum,

Click [here](#) for more details!



Xylophone



Vibraphone



Marimba



# Guess the Instrument

Guess the instrument based on the sounds we play

Word bank: violin, viola, cello, bass, flute, clarinet, oboe, basson, French horn, trumpet, trombone, tuba, guitar, percussion, keyboard

# Producing more than its normal sound

## The Piano Guys

- Electric cello
- Improv percussion



## Trumpet Mutes

## For fun





# All Youtube Links

## Slide 4:

<https://www.youtube.com/watch?v=yIpOO-7cyt0> -Viola da gamba  
<https://www.youtube.com/watch?v=wbH3JYfRjOQ> -viola da spalla  
<https://www.youtube.com/watch?v=wHSsSCKex-E> - viola d'amore

## Slide 5:

<https://youtu.be/71x4MSlpGUK?t=61> -Harpichord 101  
<https://youtu.be/NDvS2V7HbnY?t=50> -How Does a Grand Piano Work  
<https://youtu.be/4S6BErQs-HE?t=133> -How an Organ Works  
<https://youtu.be/10B3e3k6CVs?t=77> -Celeste  
[https://youtu.be/L\\_Kk32IWijY?t=32](https://youtu.be/L_Kk32IWijY?t=32) -Synthesizer

## Slide 6:

<https://www.youtube.com/watch?v=7s5tz-ooUfs> -cymbals  
<https://www.youtube.com/watch?v=xbhk5yYgUxI> -tambourine  
<https://www.youtube.com/watch?v=mL2r6E1E7sM> - gong

[https://www.youtube.com/watch?v=z-l4n9sP51M&feature=emb\\_title](https://www.youtube.com/watch?v=z-l4n9sP51M&feature=emb_title)  
-marimba  
[https://www.youtube.com/watch?v=jblacfEF1dY&feature=emb\\_title](https://www.youtube.com/watch?v=jblacfEF1dY&feature=emb_title)  
-xylophone  
<https://www.youtube.com/watch?v=DWtwO4JLfrE> -vibraphone

[https://www.youtube.com/watch?v=GvSS6\\_eDHiE](https://www.youtube.com/watch?v=GvSS6_eDHiE) - triangle  
<https://www.youtube.com/watch?v=OrfXp3g38yo> - triangle in Lizst's piano concerto in E flat major  
<https://www.youtube.com/watch?v=69a19NF0BVc> -tubular bells

<https://www.youtube.com/watch?v=oMOSgo1nT04>-timpani  
<https://www.youtube.com/watch?v=y2cVbL5R6mw> -bass drum  
<https://www.youtube.com/watch?v=G1FpAAApz48> -snare drum

# Continued...

Links of songs from guessing game:

<https://www.youtube.com/watch?v=ynEOo28lsbc> -Rhapsody in Blue (Gershwin)

<https://www.youtube.com/watch?v=YEFqapqfXHs> -Schumann Viola and Piano Duet

<https://www.youtube.com/watch?v=C4m1KHjp03M> -Folia Variations -Baroque-

<https://www.youtube.com/watch?v=J6qlzKxmW8Y> - Howl's moving castle

<https://www.youtube.com/watch?v=BSyLauxdwtw> -Gustav Holst's The Planets (Wind arr,)

<https://www.youtube.com/watch?v=CVSSqgdYGKI> -Menachem Wiesenberg's quintet for percussion and string

Slide 8:

[https://www.youtube.com/watch?v=ifKKlhYF53w&feature=emb\\_title](https://www.youtube.com/watch?v=ifKKlhYF53w&feature=emb_title) -Igudesman & Joo -Rachmaninov Had Big hands

[https://www.youtube.com/watch?v=LAPFD\\_MoGQ8&feature=emb\\_title](https://www.youtube.com/watch?v=LAPFD_MoGQ8&feature=emb_title) -Jazz trumpet mutes

[https://www.youtube.com/watch?v=fz4MzJTeL0c&feature=emb\\_title](https://www.youtube.com/watch?v=fz4MzJTeL0c&feature=emb_title) - "Titanium," The Piano Guys

[https://www.youtube.com/watch?v=0VqTwnAuHws&feature=emb\\_title](https://www.youtube.com/watch?v=0VqTwnAuHws&feature=emb_title) -"What Makes you Beautiful," The Piano Guys