



Music Virtual Learning

# Philharmonic Orchestra

May 6, 2020



# Philharmonic Orchestra

Lesson: May 6th, 2020


## Objective/Learning Target:

Students will think about how music affects our emotions.


# Warm-Up



# Relaxed Bows



For this exercise  
you need your bow  
and a toilet paper  
tube



Check out this jelly fish live  
webcam!

<https://www.youtube.com/watch?v=2gHKDHmgVIU>

# Lesson



# Music and the Brain

## Music and the brain

*Playing and listening to music works several areas of the brain*

### **Corpus callosum:**

Connects both sides of the brain

### **Motor cortex:**

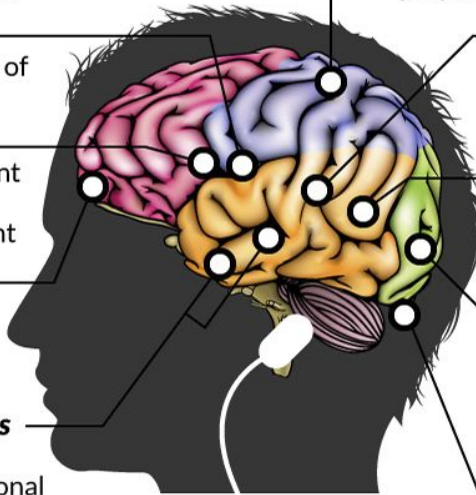
Involved in movement while dancing or playing an instrument

### **Prefrontal cortex:**

Controls behavior, expression and decision-making

### **Nucleus accumbens and amygdala:**

Involved with emotional reactions to music



### **Sensory Cortex:**

Controls tactile feedback while playing instruments or dancing

### **Auditory cortex:**

Listens to sounds; perceives and analyzes tones

### **Hippocampus:**

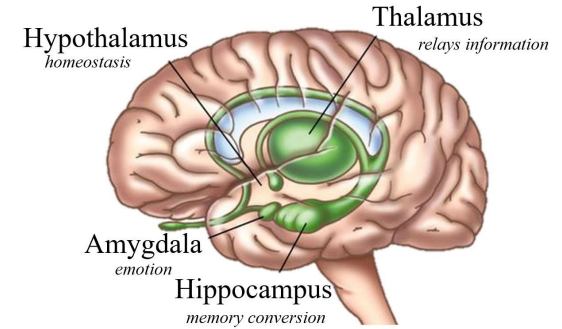
Involved in music memories, experiences and context

### **Visual Cortex:**

Involved in reading music or looking at your own dance moves

### **Cerebellum:**

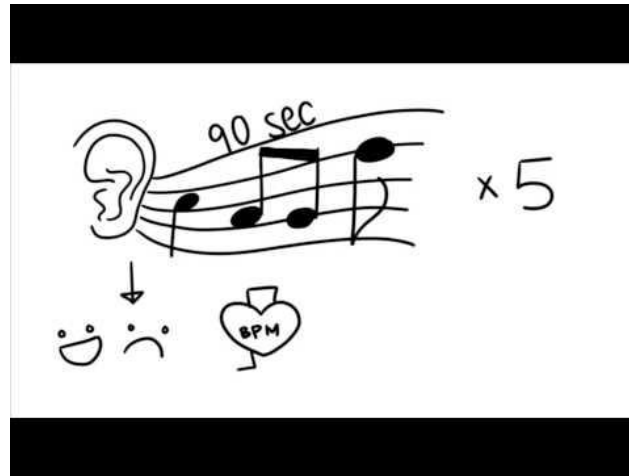
Involved in movement while dancing or playing an instrument, as well as emotional reactions



## Music and the Brain

- Music affects our mood.
- We grow up with sound and music, so it becomes part of us.
- Right hemisphere of the brain is mostly activated when we are listening to a song we find emotional.
- Our emotional reaction to music activates a population of brain cells called mirror neurons. These cells help us empathize with the emotion of the music and then triggers the limbic system which is the emotional hub of the brain.
- Another theory states that through auditory stimulation, music can drive neurons to fire at a specific rate -- as though our brains are resonating to a beat -- that sets our overall mood.

Watch the following video that explains how music affects our emotions





★ DESCRIBING OUR EMOTIONS AS WE LISTEN TO MUSIC CAN BE AN IMPORTANT ASPECT OF OUR EXPERIENCE.

★ HAVING TROUBLE THINKING OF THE RIGHT WORD?

LET'S LOOK AT THE FOLLOWING CHART



English Study Here

# FEELING WORDS

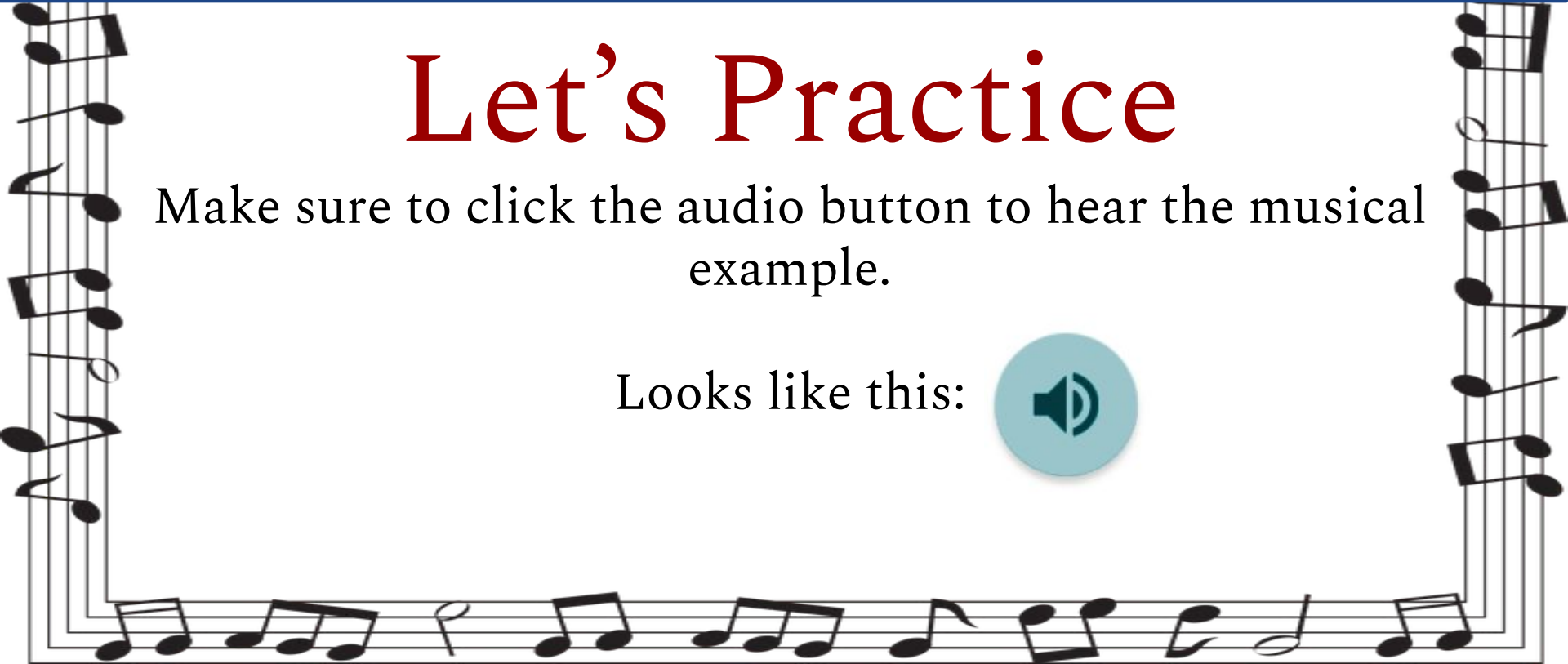
| ANGER     | HAPPY        | SAD        | CONFUSION   | ENERGIZED    | STRONG     |
|-----------|--------------|------------|-------------|--------------|------------|
| Annoyed   | Amused       | Depressed  | Uncertain   | Determined   | Sure       |
| Agitated  | Delighted    | Desperate  | Upset       | Inspired     | Certain    |
| Fed up    | Glad         | Dejected   | Doubtful    | Creative     | Unique     |
| Irritated | Pleased      | Heavy      | Uncertain   | Healthy      | Dynamic    |
| Mad       | Charmed      | Crushed    | Indecisive  | Renewed      | Tenacious  |
| Critical  | Grateful     | Disgusted  | Perplexed   | Vibrant      | Hardy      |
| Resentful | Optimistic   | Upset      | Embarrassed | Strengthened | Secure     |
| Disgusted | Content      | Hateful    | Hesitant    | Motivated    | Empowered  |
| Outraged  | Joyful       | Sorrowful  | Shy         | Focused      | Ambitious  |
| Raging    | Enthusiastic | Mournful   | Lost        | Invigorated  | Powerful   |
| Furious   | Loving       | Weepy      | Unsure      | Refreshed    | Confident  |
| Livid     | Marvelous    | Frustrated | Pessimistic |              | Bold       |
| Bitter    |              |            | Tense       |              | Determined |

www.englishstudyhere.com

# Let's Practice

Make sure to click the audio button to hear the musical example.

Looks like this:



# Song #1: What emotion(s) do you feel?



## FEELING WORDS

### ANGER

Annoyed  
 Agitated  
 Fed up  
 Irritated  
 Mad  
 Critical  
 Resentful  
 Disgusted  
 Outraged  
 Raging  
 Furious  
 Livid  
 Bitter

### HAPPY

Amused  
 Delighted  
 Glad  
 Pleased  
 Charmed  
 Grateful  
 Optimistic  
 Content  
 Joyful  
 Enthusiastic  
 Loving  
 Marvelous

### SAD

Depressed  
 Desperate  
 Dejected  
 Heavy  
 Crushed  
 Disgusted  
 Upset  
 Hateful  
 Sorrowful  
 Mournful  
 Weepy  
 Frustrated

### CONFUSION

Uncertain  
 Upset  
 Doubtful  
 Uncertain  
 Indecisive  
 Perplexed  
 Embarrassed  
 Hesitant  
 Shy  
 Lost  
 Unsure  
 Pessimistic  
 Tense

### ENERGIZED

Determined  
 Inspired  
 Creative  
 Healthy  
 Renewed  
 Vibrant  
 Strengthened  
 Motivated  
 Focused  
 Invigorated  
 Refreshed

### STRONG

Sure  
 Certain  
 Unique  
 Dynamic  
 Tenacious  
 Hardy  
 Secure  
 Empowered  
 Ambitious  
 Powerful  
 Confident  
 Bold  
 Determined



# Song #2: What emotion(s) do you feel?



## FEELING WORDS

### ANGER

Annoyed  
 Agitated  
 Fed up  
 Irritated  
 Mad  
 Critical  
 Resentful  
 Disgusted  
 Outraged  
 Raging  
 Furious  
 Livid  
 Bitter

### HAPPY

Amused  
 Delighted  
 Glad  
 Pleased  
 Charmed  
 Grateful  
 Optimistic  
 Content  
 Joyful  
 Enthusiastic  
 Loving  
 Marvelous

### SAD

Depressed  
 Desperate  
 Dejected  
 Heavy  
 Crushed  
 Disgusted  
 Upset  
 Hateful  
 Sorrowful  
 Mournful  
 Weepy  
 Frustrated

### CONFUSION

Uncertain  
 Upset  
 Doubtful  
 Uncertain  
 Indecisive  
 Perplexed  
 Embarrassed  
 Hesitant  
 Shy  
 Lost  
 Unsure  
 Pessimistic  
 Tense

### ENERGIZED

Determined  
 Inspired  
 Creative  
 Healthy  
 Renewed  
 Vibrant  
 Strengthened  
 Motivated  
 Focused  
 Invigorated  
 Refreshed

### STRONG

Sure  
 Certain  
 Unique  
 Dynamic  
 Tenacious  
 Hardy  
 Secure  
 Empowered  
 Ambitious  
 Powerful  
 Confident  
 Bold  
 Determined



# Song #3: What emotion(s) do you feel?



## FEELING WORDS

### ANGER

Annoyed  
 Agitated  
 Fed up  
 Irritated  
 Mad  
 Critical  
 Resentful  
 Disgusted  
 Outraged  
 Raging  
 Furious  
 Livid  
 Bitter

### HAPPY

Amused  
 Delighted  
 Glad  
 Pleased  
 Charmed  
 Grateful  
 Optimistic  
 Content  
 Joyful  
 Enthusiastic  
 Loving  
 Marvelous

### SAD

Depressed  
 Desperate  
 Dejected  
 Heavy  
 Crushed  
 Disgusted  
 Upset  
 Hateful  
 Sorrowful  
 Mournful  
 Weepy  
 Frustrated

### CONFUSION

Uncertain  
 Upset  
 Doubtful  
 Uncertain  
 Indecisive  
 Perplexed  
 Embarrassed  
 Hesitant  
 Shy  
 Lost  
 Unsure  
 Pessimistic  
 Tense

### ENERGIZED

Determined  
 Inspired  
 Creative  
 Healthy  
 Renewed  
 Vibrant  
 Strengthened  
 Motivated  
 Focused  
 Invigorated  
 Refreshed

### STRONG

Sure  
 Certain  
 Unique  
 Dynamic  
 Tenacious  
 Hardy  
 Secure  
 Empowered  
 Ambitious  
 Powerful  
 Confident  
 Bold  
 Determined



# Review

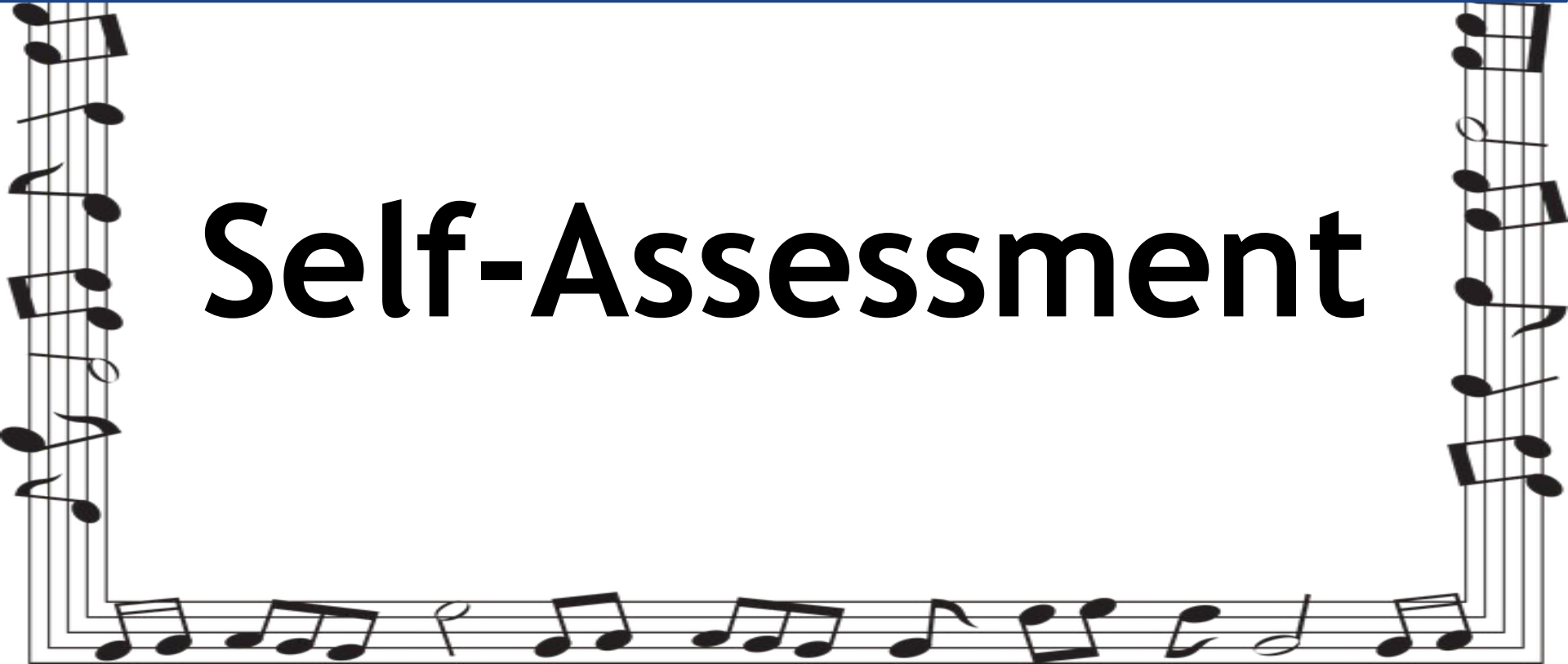


- ❖ Music composers of the 1600's wrote music that could evoke certain emotions. This was called the *Doctrine of Affections*.
- ❖ Music continues to affect our emotions as we go through various life experiences.
- ❖ We now have technology that allows us to track brain activity as we listen to music and how it impacts our emotions.



Charles Le Brun: *The Expressions*

# Self-Assessment





# Create Emotional Playlists on Youtube

What songs would you put when you are feeling:

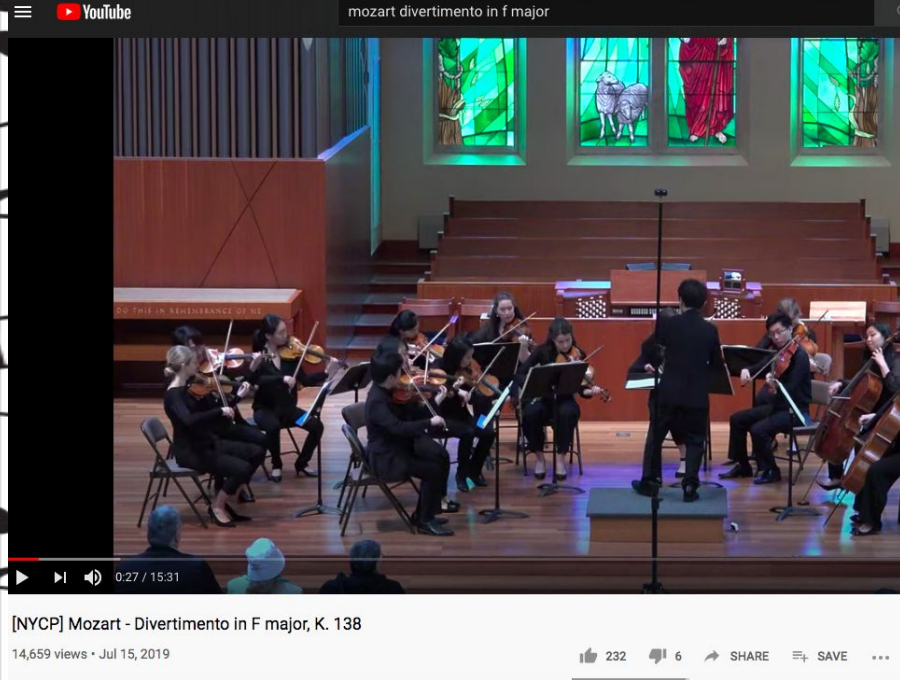
★ HAPPY

★ SAD

★ UPSET

★ UPLIFTED

★ ETC.

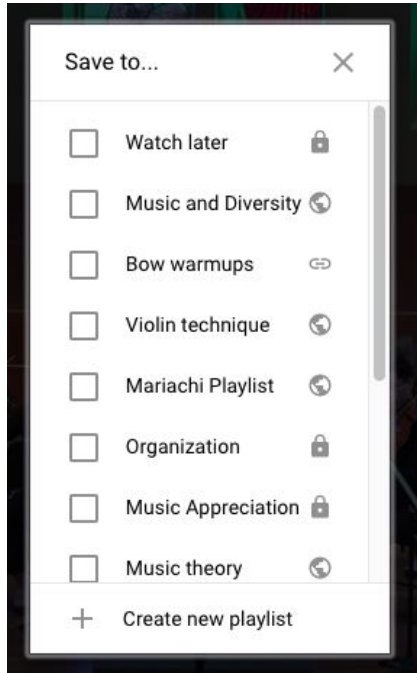


Here is how to do  
it on Youtube

Click on  
Save under  
video



+ Create new playlist



Once you click  
save, go to the  
bottom and click  
new playlist



Name your  
playlist and you  
can choose your  
privacy settings  
as public,  
unlisted, or  
private.

Name

Happy Songs

11/150

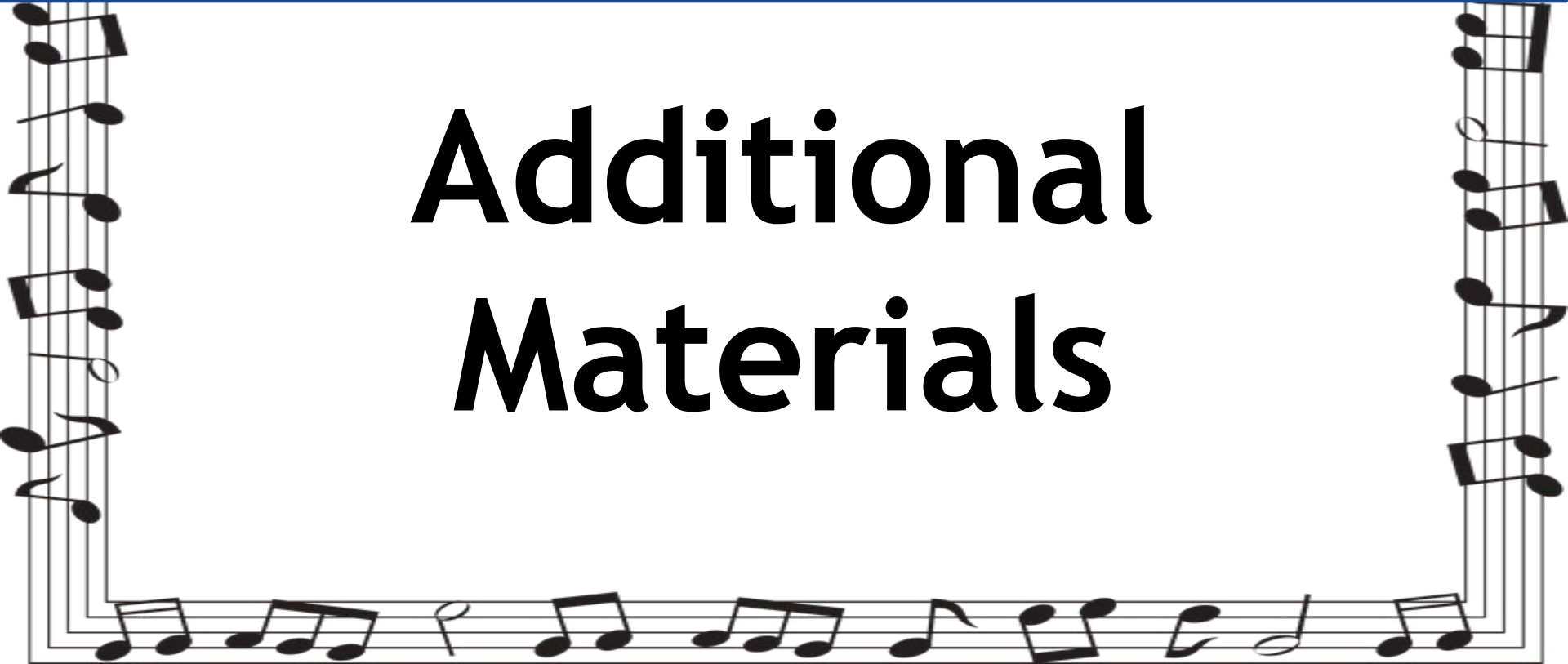
Privacy

Unlisted

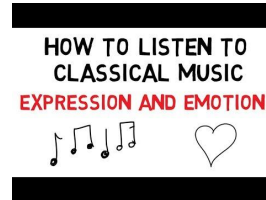
CREATE

+ Create new playlist

# Additional Materials



1. HOW TO LISTEN TO CLASSICAL MUSIC:  
EXPRESSION & EMOTION



2. HOW PIXAR USES MUSIC TO MAKE YOU CRY



3. WHY DOES MUSIC MAKES US EMOTIONAL?

