**5th Grade Music Lesson, Part 1 of 2**

1. Go to the following link to learn all about sound. You can click on each picture to learn more about each section:<https://www.dkfindout.com/us/science/sound/>



1. Then follow this link to view a video called “Cymatics.” It is a really awesome video that shows some ways sound can actually be seen!  <https://nigelstanford.com/Cymatics/>

     \*If you scroll down the page, you can see some behind the scenes moments.



1. Go to Chrome Music Lab and click on the sound waves section. Explore what high/low notes do to the sound waves.  [https://musiclab.chromeexperiments.com/Sound-Waves/](%20https://musiclab.chromeexperiments.com/Sound-Waves/)
2. What do you notice about how the sound waves move when you play the lowest note? The highest note? One in the middle?

**5th Grade Music Lesson, Part 2 of 2**

***Write your own Rap!***

*Be ready to share with your class when we see you next time!*

**Objective**: Students will write a 4-measure name rap within the specified structure and create a rhythmic backing to accompany themselves.

**Rap Structure**

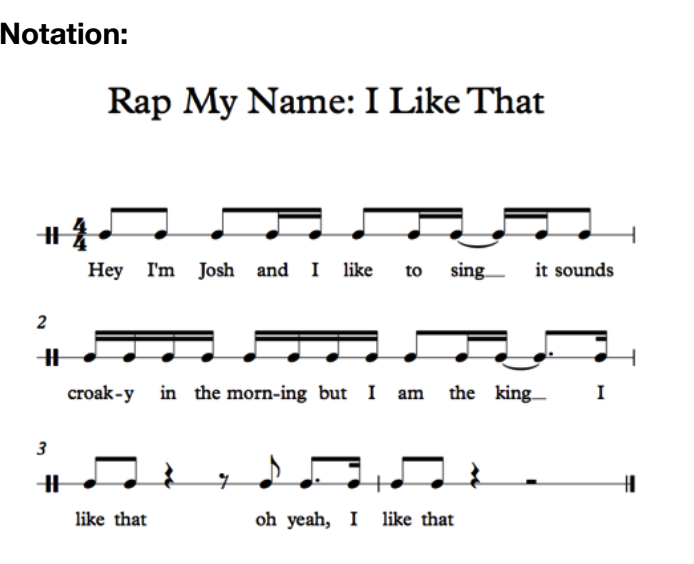
Tempo 80-90 BPM

**Step One**:

Hey, I’m \_\_\_\_\_\_\_\_ and I like to \_\_\_\_\_\_\_\_\_\_\_ *(in this line, say something about thing you like. The final word in this line should rhyme with the end of line 1)*

*I like that*

Oh yeah, I like that





**Example 1: (by a grade 4 student)**

Hey I’m Josh and I like to sing

It sounds croaky in the morning but I am the king

I like that

Oh yeah, I like that

**Example 2:**

Hey I’m Ava and I like the color blue

It makes me happy, so what you gonna do?

I like that

Oh yeah, I like that

**Step Two:**

**Option 1: Groove Pizza**

* Visit [Groove Pizza](https://apps.musedlab.org/groovepizza/) (free online rhythmic step sequencer)
  + <https://apps.musedlab.org/groovepizza/?museid=Hkg8iiIrI&>
* Set the tempo to 80 BPM
* Build up a rhythmic pattern by clicking on the dots on the “pizza” or in the drum pattern grid (it’s a good idea to start with the bass drum on beats 1 and 3 and the snare on beats 2 and 4 and then add other sounds

**Option 2: Incredibox**

* Visit Incredibox (free online program)
* Drag a sound icon on to one of the “dudes” on the screen and he will start to beatbox or sing.
* Try performing your rap along with your creation.

**Option 3: GarageBand on iPad**

* Open the GarageBand app and create a new song
* Select the Smart Drums
* Choose a drum kit and drag instruments on to the grid to build up a rhythmic pattern
* Press Record and record 8 measures

**Extensions:**

* If your music software/app allows, add an audio track and record the rap part over the backing. Other instrumental backing parts can be added as well: bass line, keyboard part, strings and so on.
* Create a series of dance moves to go with your rap
  + Try out some breakdance moves!
  + <https://drive.google.com/drive/folders/1K4xPUQoMGR9oSWPwJCDrc6_iqLjagAtP?usp=sharing>
* Perform your rap live for family members
* Draw some cover art for your album!

**Extra Credit! Play with this Google Doodle and learn more about the History of Hip Hop**

<https://www.google.com/doodles/44th-anniversary-of-the-birth-of-hip-hop>

Lesson adapted from Midnight Music: <https://midnightmusic.com.au/>