



KoFlow



MFO

A Turntable-Orchestra Programme

24 May 2017, Wed
Esplanade Concert Hall

HELLO EVERYONE AND WELCOME TO ESPLANADE – THEATRES ON THE BAY!

KoFlow-MFO: A Turntable-Orchestra Programme is presented by Esplanade – Theatres on the Bay as part of the NAC-MOE pilot *Performing Arts Based Learning Programme*. We are glad to play a part in this national initiative that will provide an opportunity for all lower secondary students to enjoy and learn through a performance in a professional performance venue.

It is a pleasure to be hosting you here in the Esplanade Concert Hall and you will find many fun facts about the hall on page 4 of this performance guide. We also hope that you will take away many interesting learning points while enjoying this unconventional collaboration between a western orchestra (Metropolitan Festival Orchestra) and our very own celebrated turntablist, DJ KoFlow, featuring local artists, Peter Huang and THELIONCITYBOY.

Together with our partners, NAC and MOE, as well as our artists, we hope you will let your hair down, and have a fruitful and enjoyable afternoon with us!

The Esplanade Children & Youth Team

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MY THOUGHTS BEFORE THE SHOW

Here are three things I hope to learn in today's show:

- 1 _____
- 2 _____
- 3 _____

I am most looking forward to hearing/experiencing the following in today's show:

ABOUT THE ARTISTS



METROPOLITAN FESTIVAL ORCHESTRA

The Metropolitan Festival Orchestra (MFO) is Singapore's only fully-independent professional symphony orchestra. Inspired by its philosophy that the orchestra is a powerful tool for bringing people together through the experience of music, the MFO is constantly breaking new grounds through its forward-looking programmes. Notable international collaborators include Tan Dun, Lang Lang, Kitaro, Paul Anka, Il Divo, Stefanie Sun, JJ Lin, Korea National Opera; and global franchises such as *The Lord of the Rings*, *Disney on Classic*, *Star Wars* and *Final Fantasy*.



JULIAN WONG CONDUCTOR / ARRANGER

Julian's work is broad and varied, encompassing concerts, arts festivals, theatre, and studio production. As a guest arranger and conductor, Julian has worked with Joyful Strings, Ministry of Bellz, Rave Harps, Orchestra of the Music Makers, and Metropolitan Festival Orchestra. He dedicates his work to the late Iskandar Mirza Ismail.



KOFLow TURNTABLIST

KoFlow is Singapore's most celebrated DJ/Turntablist, music producer and educator. The 2003 Singapore Disco Mix Club (DMC) champion and World finalist has performed with prolific artists such as Ghostface Killah, Raekwon (Wu-Tang Clan), Nas, Mariah Carey and Kanye West.

KoFlow has also collaborated with Samba Bateria (percussion group) and renowned jazz musicians such as Aya Sekine and Richard Jackson. In 2014, he produced *In the Groove Project*, the largest collective of DJs (10 DJs) and musicians for *Singapore Night Festival*.

ABOUT THE ARTISTS



CARYN CHENG FACILITATOR

At age 14, Caryn Cheng had her first pipe organ music performance at the Esplanade Concert Hall, and has since gone on to act, dance and host regionally. After her breakthrough as a finalist on *The 5 Search*, Caryn is now currently appearing on numerous local TV dramas. She is an avid believer that: with grit as the driving force, combined with the power of passion, that is when all your dreams will come true.



PETER HUANG GUEST VOCALIST / BEATBOXER

Best known as co-founder, co-music director and vocal percussionist of Singaporean vocal band, MICappella, Peter Huang has been heavily involved in the local and international music scene for the last 20 years, wearing different hats as a singer, songwriter, producer, arranger and recording engineer. Apart from performing with MICappella at international music festivals all over the world, Peter has also held solo concerts in USA, Canada and Taiwan after his days at Berklee College of Music.



THELIONCITYBOY GUEST RAPPER

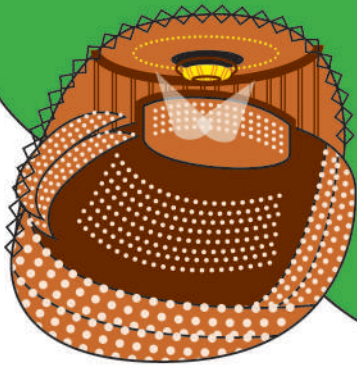
THELIONCITYBOY (TLCB) is a Singapore son. He is a rapper, producer and songwriter, fresh off his latest album *Paradise* and single *YAYA*, with the album charting at #1 on the iTunes charts, and hitting the Spotify Viral 50 Singapore charts! THELIONCITYBOY brings Singaporean stories out of the streets, into his music and onto the stage.

GUIDE TO ESPLANADE CONCERT HALL & THEATRE

The Esplanade Concert Hall and Esplanade Theatre are the two biggest performing arts venues in the centre. These two performance halls are housed under the two big spiky domes.

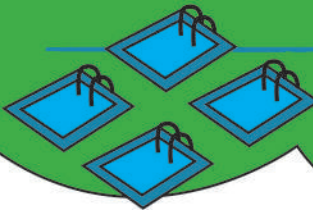
Here are a few more things you might not know about the two halls!

ESPLANADE CONCERT HALL



Up to
1,827 PEOPLE
can be seated in the hall.

The hall houses a German-made Klais pipe organ which weighs more than
25,000 KILOGRAMMES.



The pipe organ has
4,740 PIPES.

The largest pipe on the organ is
11 METRES long while the smallest one measures
4 MILLIMETRES only.



DID YOU KNOW?
Esplanade sits close to the underground MRT rail system as well as the F1 circuit. So how are these noises and vibrations kept out?

The answer lies in rubber pads. The two halls sit on **1,328 rubber pads** so that there is no direct contact with the ground. This absorbs the vibrations and prevents noise from getting into the halls.

The spaceship-looking contraption above the stage is an **acoustic** canopy which weighs about
17,000 KILOGRAMMES EACH (about the weight of **5 BUSES**).



The earth-toned textured walls located on both sides of the hall are actually **DOORS**. The doors open into a **reverberation** chamber which wraps around the Concert Hall.

The reverberation chamber spans
3 LEVELS and has a total volume of
4 OLYMPIC-SIZED SWIMMING POOLS.

ESPLANADE THEATRE



Up to
1,950 PEOPLE
can be seated in the Theatre.

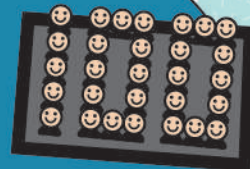
The Theatre has
4 LEVELS OF SEATS.



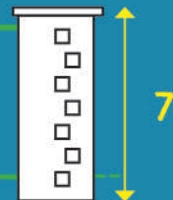
The **HORSESHOE-SHAPED** hall ensures that audience members will feel close to the stage even if they are in the back row. In fact, the furthest seat from the stage is only
40 METRES away.



The Theatre has an orchestra pit that can fit up to
100 MUSICIANS.



The Theatre has a
7-STOREY HIGH fly tower with **107 fly bars.**



The Theatre is made up of three full-sized stages – main stage, side stage and back stage. Together, the space can fit a
CONCORDE PLANE.
That's HUGE!



WHAT'S THAT WORD?

Acoustic – the qualities of a room (for e.g. size or shape) that make it easy or difficult for people inside to hear sounds clearly

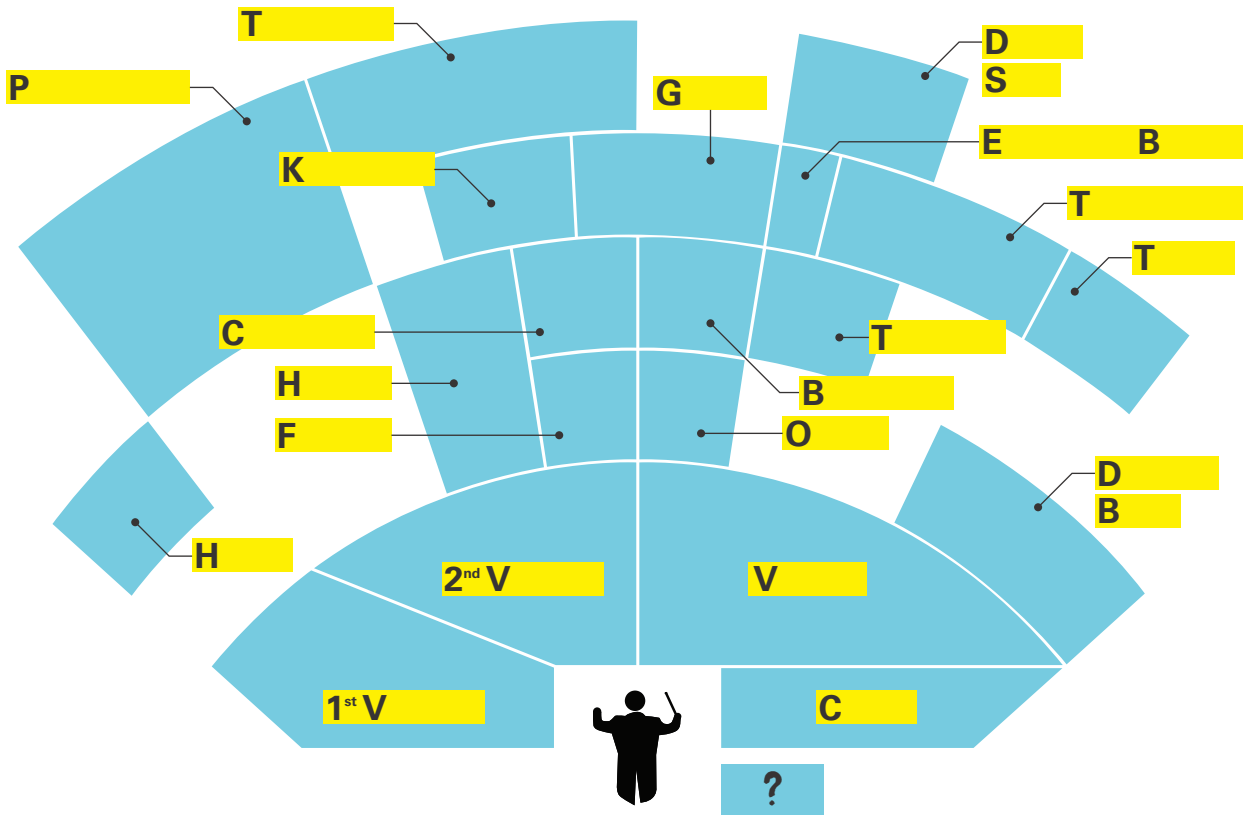
Reverberation – an effect that occurs when sound is produced in an enclosed space, causing sound waves to bounce off, build up and blend together

Fly bar – On stage, fly bars help to hold up and move components such as curtains, scenery and lights.

WHAT'S IN A GROOVY ORCHESTRA?

A modern day orchestral plan is shown below. Try and place the instruments in the correct places.

- Drum Set
- Horns
- Oboes
- Cellos
- Keyboard
- Timpani
- Electric Bass
- Trombones
- Violas
- Trumpets
- Guitar
- 1st Violins
- Clarinets
- Flutes
- 2nd Violins
- Percussion
- Tuba
- Double Bases
- Bassoons
- Harp



However, do you notice something on the conductor's right on stage today?
That's Disc Jockey (DJ) KoFlow's set-up!

LET'S CHECK IT OUT!

DJ KOFLOW'S MIXER



KoFlow will demonstrate some of these cool 'tricks' to you. Let's see if you can spot what these 'tricks' are:

FILL IN THE BLANKS

C _____ – this involves isolating the 'break' in funk records. It is a stripped down part of the song consisting of only the bass, drum and sometimes percussion or percussion only.

S _____ – a distinctive flutter and scrawl of sounds in hip hop made by the DJ moving a vinyl record back and forth under the needle with his fingertips.

The mixer has several buttons and knobs which have different functions. With a mixer, the DJ mixes and routes the sound coming from the deck, and the mixer allows them to perform many of those cool DJ 'tricks'.



DJ KOFLOW'S TURNTABLE

The turntable is a musical device that plays records. It is an ancestor of the phonograph invented in 1877 for the recording and playing back of sound (after having been recorded). It was known as a record player since the 1940s until it became known as a turntable in more recent years.

When the turntable is combined with a DJ workstation or set-up, it is also referred to as a 'deck'.



DJ KOFLOW'S SET-UP



The first vinyl LP (33½ rpm*) as we know them today was first introduced in 1948. Most records are black, but there are some rare ones that come in a range of different colours. There are grooves etched into a record, and when a needle is dropped onto the record, the grooves cause the needle to vibrate. Electricity is induced at the frequencies of the vibrations, and sound is produced.

These are the two records which DJ KoFlow represented Singapore with in the 2003 DMC World DJ Championship.

*rpm stands for revolutions per minute, which is a measure of the frequency of rotation, specifically the number of rotations around a fixed axis in one minute. Therefore, in the case of a vinyl record, rpm represents how many times the record will spin completely in one minute. Vinyl records are produced to be played at one of three speeds: 33½rpm, 45rpm, and 78rpm.

BEETHOVEN'S FUNKY FIFTH

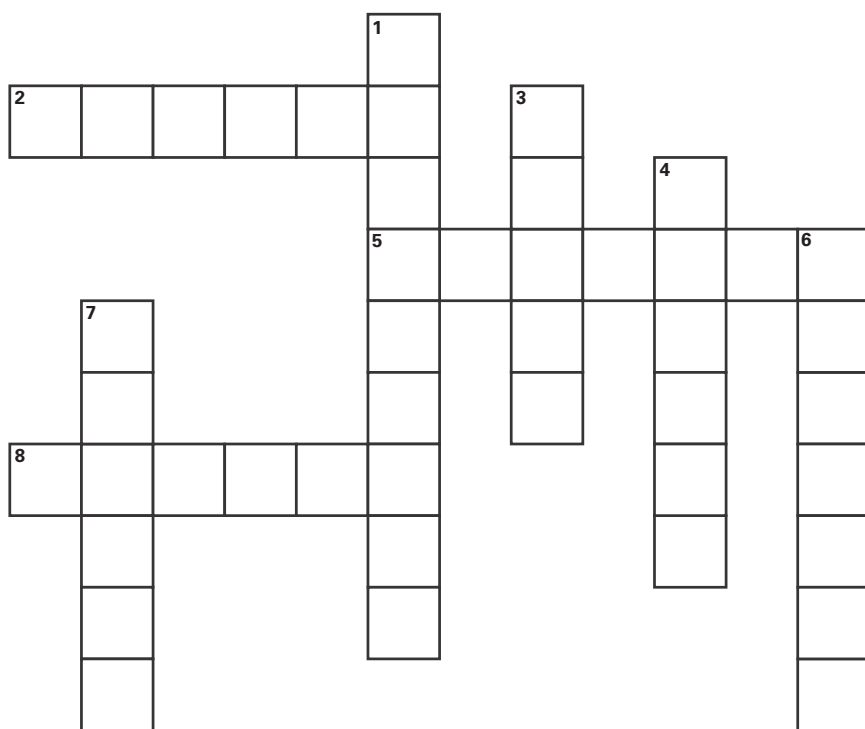
FUNKY MR. B

Beethoven *Symphony No. 5 in C Minor*, Op. 67, 1st Movement

Ludwig van Beethoven was a complex, difficult man consumed by a towering genius who lived a life driven by an unquenchable need to make music. His legacy is music that still delights, challenges, and moves us.

Born in Bonn, Germany in 1770, Beethoven had a miserable childhood. He was one of seven children, only three of whom survived to adulthood. Although he loved his gentle mother, Maria, he feared his demanding father, Johann. His father had no great talent, but he gave music lessons to the children of the nobility. As a child, Beethoven had been absorbed by music, and his father recognised the boy's ability and nurtured it. By 1787, Beethoven met the great Mozart who predicted, 'You will make a big noise in the world.'

Beethoven died in 1827 and he was buried in a grave marked by a simple pyramid on which was written one word: 'Beethoven'. Today, his remains lie in Vienna's Central Cemetery.



DID YOU KNOW?

By the age of 28, Beethoven was already struggling to hear. This was just before he wrote his first symphony.

In the last decade of his life, he lost his hearing completely!

20,000 people lined the streets at his funeral.

Across

- Beethoven's _____ treated him badly and forced him to practice for long hours.
- In his late 40s, Beethoven lost his _____.
- Which other child prodigy and composer did Beethoven's father want him to be like?

Down

- A symphony is a piece of music played by an _____.
- Which instrument was *Für Elise* written for?
- Which city did Beethoven live in most of his life?
- Which country was Beethoven born in?
- When he was young, Beethoven learned how to play two instruments: the piano and the _____.

BEETHOVEN'S FUNKY FIFTH

A MOTIVATING MOTIF!

Beethoven's *Fifth Symphony* four note opening motif is one of the most famous sounds in classical music. The clarinets and strings are all playing in unison.

THE FOUR-NOTE MOTIF IS WRITTEN AS SUCH:



The **Fermata** or pause sign indicates that the musicians have to hold the note until the conductor stops the sound.

How does Beethoven transform the motif in each movement? Listen to all four movements of the symphony online and circle the correct set of answers next to each motif:

THE OPENING MOTIF OF BEETHOVEN'S FIFTH SYMPHONY TRANSFORMED...

1. Which movement does this motif appear in?
(Circle one)

2. Which instrument plays this motif?
(Circle one)

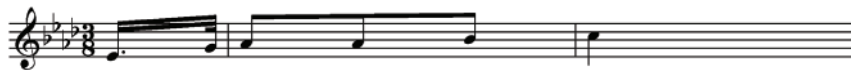
a.



- Second movement
- Third movement
- Fourth movement

- Horns
- Violins
- Clarinets

b.



- Second movement
- Third movement
- Fourth movement

- Horns
- Violins
- Clarinets

c.



- Second movement
- Third movement
- Fourth movement

- Horns
- Violins
- Clarinets

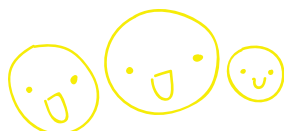
SINGAPORE SONGS SCAVENGER HUNT

SINGAPORE FANTASIA

Zubir Said	<i>Semoga Bahagia</i>
Chen Jiaming	城里的月光 (<i>Moonlight in the City</i>)
Dick Lee	<i>Bunga Sayang</i>
Iskandar Ismail	<i>Love at First Light</i>
The Sam Willows	<i>Take Heart</i>

The music that you will hear in this segment of today's show are all creations of notable Singaporean composers. Some of these composers have received many awards for their contributions such as Zubir Said who was awarded the Certificate of Commendation and Public Service Star for composing Singapore's National Anthem *Majulah Singapura*. Dick Lee and the late Iskandar Ismail have also been awarded the Cultural Medallion, which is an award conferred by the President of Singapore to those who have achieved artistic excellence in various art forms. The Cultural Medallion is widely recognised as Singapore's pinnacle arts award.

The selection of music that you will hear in this segment was written across several decades. Let us have a look at the years these songs were composed in, and find out the circumstances in which these songs were composed.



Zubir Said – *Semoga Bahagia*

1957

Zubir Said composed *Semoga Bahagia* ('May You Achieve Happiness') as a song aimed at primary school students, encouraging them to work hard for their future. It was posthumously made the official Children's Day song in Singapore schools in 1970.

Bunga Sayang was composed for a musical called *Kampung Amber* in 1994. The then President of Singapore, the late Mr Ong Teng Cheong, heard and liked the song so much that he asked for it to be adopted as a national song.

1994

Dick Lee – *Bunga Sayang*

Chen Jia Ming – 城里的月光
(*Moonlight in the City*)

2001

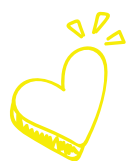
Moonlight in the City had its debut as the theme song of the Channel 8 drama series *Tofu Street* (豆腐街) in 1996, and was made popular by Singaporean singer Mavis Hee.



Love at First Light was written as the official theme song to the 2012 National Day Parade, an initiative which began in 1985.

2012

Iskandar Ismail – *Love at First Light*



The Sam Willows – *Take Heart*

2015

Take Heart was composed as part of an album which marked the first collaboration between The Sam Willows and renowned Swedish producer Harry Sommerdahl.

It can therefore be said that there is no secret formula to writing songs. However, there is one thing successful songwriters have in common: they all love the music they write. You can also work with friends and fellow musicians to collaborate and you never know what a fresh set of eyes (and ears!) can bring to your work!

Read up more on these composers, and answer the questions below.

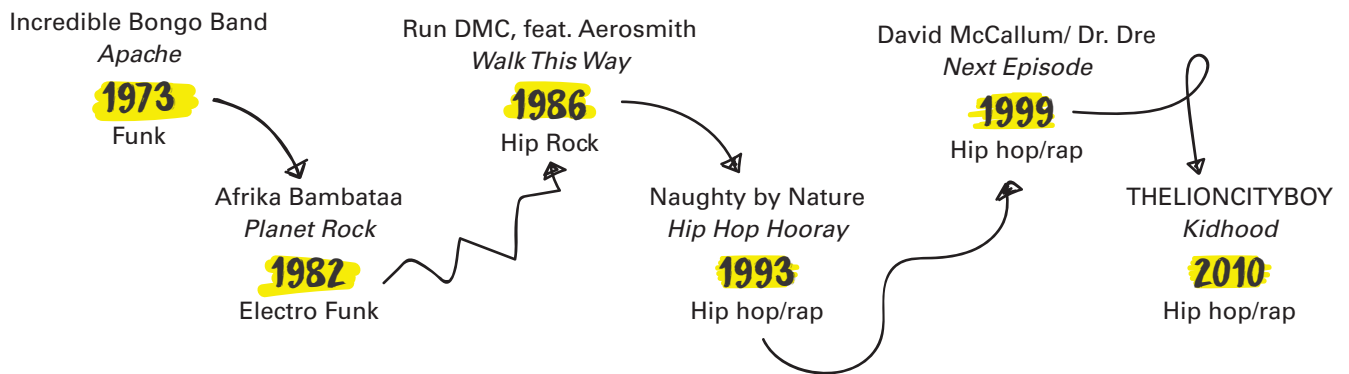
- 1 Composed by Zubir Said, Singapore's national anthem is imprinted on a dollar note. Which dollar note is it imprinted on?
- 2 What does *Bunga Sayang* mean?
- 3 In which year were Dick Lee and the late Iskandar Ismail awarded the Cultural Medallion?
- 4 Which *xinyao* group was Chen Jiaming in while he was a Jurong Junior College student?
- 5 When and where did The Sam Willows make their international debut?

EVOLUTION OF HIP HOP / ABOUT BEATBOXING

DJ KOFLOW HIP HOP MEDLEY

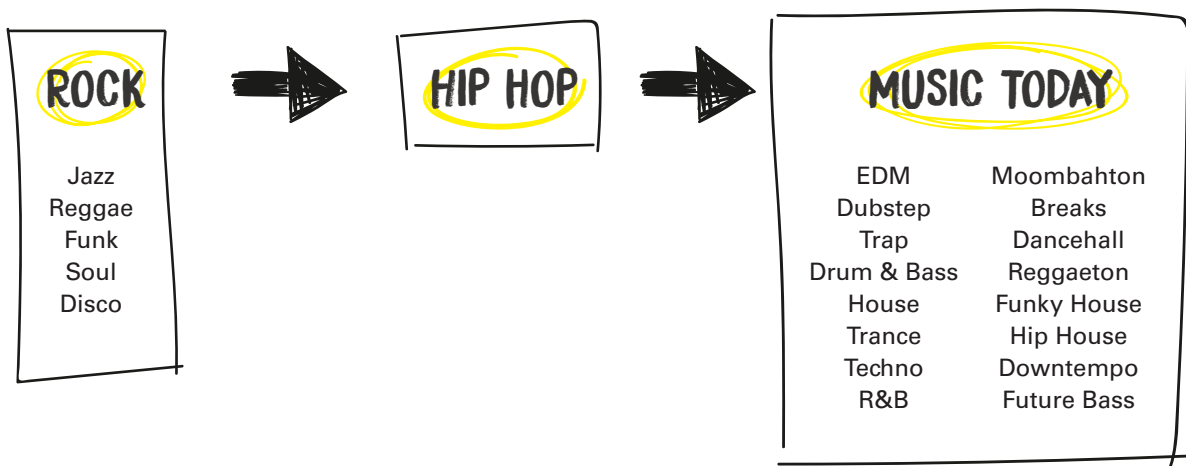
Incredible Bongo Band *Apache*
 Afrika Bambataa *Planet Rock*
 Run DMC, feat. Aerosmith *Walk This Way*
 Naughty by Nature *Hip Hop Hooray*
 David McCallum/Dr. Dre *Next Episode*
 THELIONCITYBOY *Kidhood*

Hip hop today is a global culture that has changed music, dance, fashion, language – and even politics. But where did this worldwide cultural movement begin? Let's trace hip hop back to its humble beginnings, and see how it has evolved into a new genre of electronic music which is a mix and match of different styles of music.



AT THE BEGINNING

While the genres have significant differences, hip hop and rock music have been entwined since hip hop's conception. Most of the notable early hip hop records have featured samples of rock songs or elements of rock. Hence, it can be said that hip hop evolved from rock and rock-related genres, and a combination of all these genres developed into the realm of music genres that we hear today.

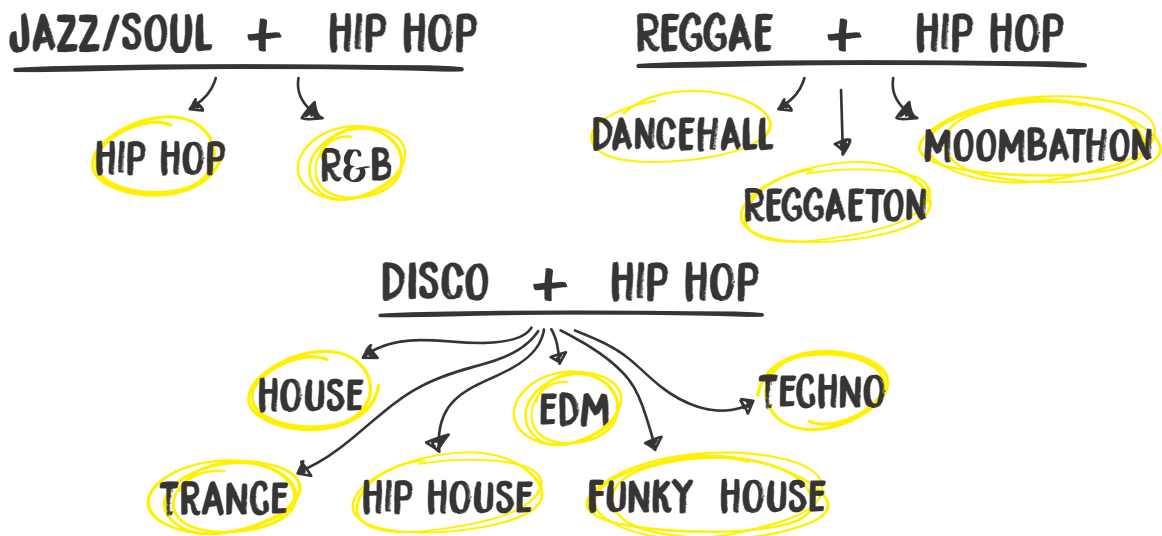


EVOLUTION OF HIP HOP / ABOUT BEATBOXING

Despite the conflict between the genres, it was the most forward-thinking rock and roll artists who were quick to catch on to the changes that hip hop was making in the music world. And soon, the various genres evolved over time into other forms that we can hear in today's pop music.

For example, one can hear the following in a Justin Bieber album: Dancehall, Moombathon, House, Hip hop, R&B and Trap all mixed into one!

Here are some examples of how genres evolved out of the influences of hip hop music:



There are many more combinations such as the above. Can you identify anymore of such combinations in popular music today?

DID YOU KNOW?

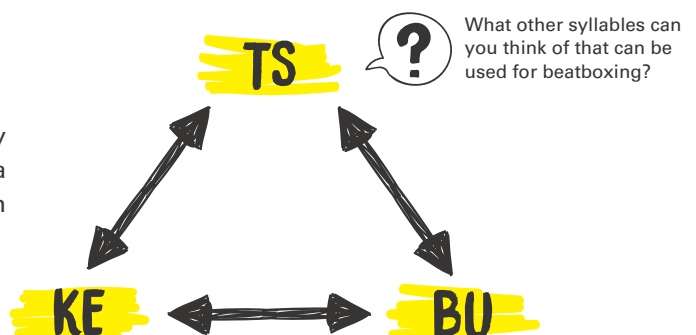
Some of the elements of hip hop we are familiar with – rapping, DJ-ing, break-dancing – were being called by these names long before anyone outside of New York City knew what they were. But throughout much of its formative years, the culture itself pretty much had no name. When it got one, it was in a manner typical of the culture – by a young Master of Ceremonies (MC) making fun of one of his friends.

Keith 'Cowboy' Wiggins was one of the very first MCs, and a member of seminal group, Grandmaster Flash and the Furious Five. 'Hip/hop' was a simple scat phrase he began chanting one day while mimicking the cadence of marching soldiers, mocking a friend who had just joined the Army. For some reason, the phrase worked its way into his stage performance and during the Furious Five's early appearances with disco bands, they were at times derisively referred to as 'hip hoppers.'

BEATBOXING WITH PETER HUANG

Did you know that you can create a beatbox pattern by simply saying a specific phrase or a string of words in a rhythmic way and emphasizing the consonants of each word?

Peter will lead you in creating a simple beatbox rhythm:



DISCOVER MORE

MR FUNKY B

Discover more adaptations of Beethoven's *Fifth Symphony* in popular culture:

- *Roll Over Beethoven* – Electric Light Orchestra: <https://www.youtube.com/watch?v=PLNR4xfh1Qc>
- *Beethoven Day* – You're a Good Man, Charlie Brown: <https://www.youtube.com/watch?v=Vldsi64Uz1Q>

OTHER CLASSICAL MUSIC PIECES IN POP CULTURE:

There are many pop artists who 'borrow' classical tunes in their music. Check them out!

- *Because* by The Beatles bears a close resemblance to the first movement of Beethoven's *Moonlight Sonata*.
- *Ave Maria* by Beyoncé is actually a re-written version of Franz Schubert's *Ave Maria*.
- The famous *I Should Be So Lucky* by Kylie Minogue was inspired by Pachelbel's *Canon*.

SINGAPORE FANTASIA

Read up on Singapore's Cultural Medallion Award Recipients and how their contributions and commitment to the arts have enriched Singapore's cultural landscape over the years:

<http://eresources.nlb.gov.sg/arts/web/Contents/ArtistList.aspx?type=cmr>

DJ KOFLOW HIP HOP MEDLEY

- Find out more about the evolution of hip hop through these four episodes of *The Hip hop Evolution*:

<http://hiphopevolution.com/pages/about-the-series/>

Did you know that the unit 'rpm' is also used to measure wind? Anemometers are tools used by meteorologists to measure wind speeds records the readings in 'rpm'. You can make a simple anemometer yourself! Check out

<https://www.scientificamerican.com/article/bring-science-home-wind-speed/>

MY THOUGHTS AFTER THE SHOW

Here is something I learned at the concert that I did not know before:

If I could ask any of the artists one question, I would ask:

If I could write my own rap about school life, I would write about the following topic:

Try writing your own rap during the June School Holidays and share it with your classmates in Term 3!

Produced by

