



# **HDSB Parent Involvement Committee Conference**

October 19, 2019

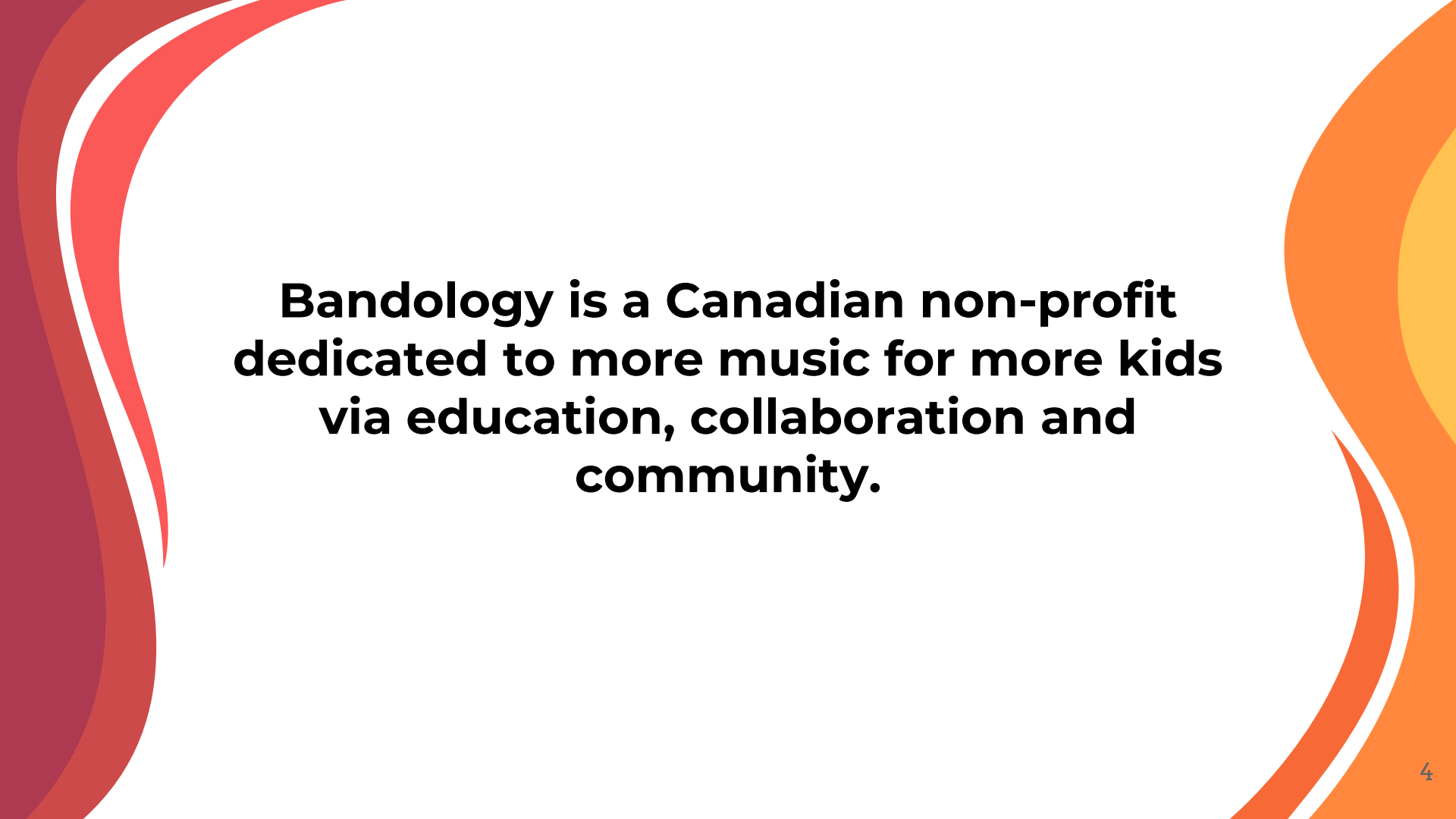


# The Long-Term Value of Music Education


Presented by Lisa Michaels and  
Peter VanDuzer of Bandology



# BAND\_OL\_OGY



**Bandology is a Canadian non-profit  
dedicated to more music for more kids  
via education, collaboration and  
community.**



**We provide young musicians with more opportunities to play, via our Band Camp and Play a Gig programs.**

**And we provide resources and advocacy programs to the community.**

**Music isn't just training for one  
career, it's training for all of  
them.**



# How We Got Started

- Experiences as music parents
- Watching our kids thrive due to music
- Evolution of a music parent association
- Getting more parents involved
- Developing new programs and events
- Fundraising and planning for the future

**What are your favourite  
memories of school?**



# Why Are We Doing This?

- Music kids are amazing!
- Music kids are involved in school life
- Music kids are kind and welcoming
- At school awards night, the band always empties out to go accept awards
- Music kids get into the post-secondary programs they want, and get scholarships
- Music fosters equity and inclusion

# Community Engagement

- In schools:
  - Extra-curricular music
  - Student Parliament, school teams, clubs, events
- Outside the school:
  - Suzuki, OSYO, High Rendition Jazz, Play a Gig, Burlington Teen Tour, Halton Junior Jazz, etc.
  - Community sports leagues, Boy Scouts/Girl Guides, Cadets, robotics
  - Duke of Edinburgh awards, community service

# Music Aids Transitions - Locally

- From one school to another
- From middle school to high school, high school to post-secondary
- From French immersion to regular stream (gifted/IB/private school/other)
- From one neighbourhood/city to another, and one friend group to a new one
- From school into the workplace
- Music provides built-in communities for students of all ages, which helps manage these transitions



# Music Aids Transitions - Globally

- Music is its own language - everyone can understand it without knowing the same verbal language
- Music is a universal language - drums, vocal, piano, strings, woodwinds, brass, percussion
- Music is a common experience, around the world, whether performing or listening or producing



# Soft Skills Benefits

- Like learning another language
- Engages all parts of your brain at the same time
- Executive function and transferable skills development
- On-going activities that build capacity



# Mental Health Benefits

- Students involved in music have better mental health
- Language skills, self-esteem, stress and anxiety relief
- More success, higher graduation rates
- Arts and athletics are the bookends of a well-rounded education – but are often seen as frills

# How to Build these Skills

- Team sports
- Clubs and activities
- Drama and dance
- Tutoring and after school programs
- Community programs and sports leagues
  
- BUT - music has be proven with research to be the best way to build these skills

# Success in MUSIC.

# Success in LIFE.

**Marian Donnelly**  
Specialty: Jewish Culture Days  
Coordinator, SAK Culture Inc.

**Heather Bambrick**  
Vocalist, Music Educator,  
Voice Actor, Broadcaster  
and Host – JAZZFM

**Michael Cooke**  
Editor, Toronto Star

**Don Tapscott**  
E-book author, Author,  
CEO – The Tapscott  
Group and Chancellor,  
York University

**Colonel Chris Hatfield,  
O.C., O.M.S.**  
Ambassador (Rtd.),  
Musician, Author and Speaker

**Dr. Fraser Rubens**  
Professor of Surgery,  
Division of Cardiac  
Surgery, University of  
Ottawa Heart Institute

**Lisa LaFlamme**  
Chief Anchor and Senior  
Editor, CTV National News

**Jennifer Jones**  
Lawyer and Olympic Gold  
Medalist (2014) Curling

**Chuck Currie**  
Chef, Musician and  
Teacher

**DJ Larkin**  
Lawyer, Pivot Legal Society

**Orin Isaacs**  
Television Music  
Producer

**Russell (Roni) Katry**  
Head, Music, Canada  
Council for the Arts (Rtd.)  
and Singer/Songwriter

**Aaja Peter, C.M.**  
Lawyer and Inuit Artist

**Dr. David Smithson**  
Physician and Fellow in  
Reproductive Endocrinology  
and Infertility,  
University of Ottawa

**The Very Reverend,  
The Honourable  
Dr. Lois M. Wilson,  
C.C., O.C. (Rtd.)**

**Linda Carvery**  
Federal Citizenship Judge  
(Rtd.)

**Michelle Copithorne**  
Business Manager

**General John de Chastelain, C.C.**  
Chief of the Defence Staff and  
Canada's Ambassador to the  
United States (Rtd.)

**It's no  
coincidence.**



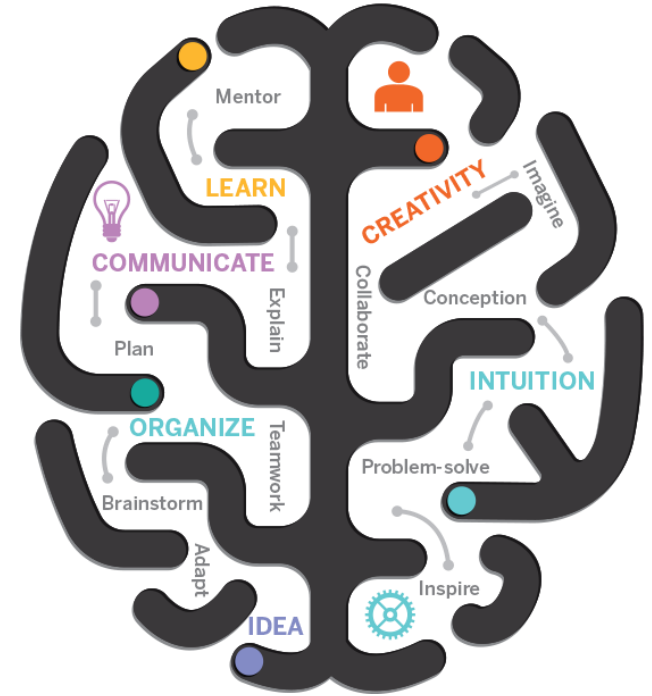
musicmakesus.ca





# Music and Transferable Skills

- Collaboration
- Communication
- Teamwork
- Focus and discipline
- Concentration
- Time management
- Creativity and growth mindset
- Mindfulness





# Nora Young's Keynote

- Pop tarts!
- Data-driven decision making
  - vs. anecdotal assumptions

The background features a dark red base with two large, overlapping, wavy shapes in shades of orange and yellow at the top. The word "RESEARCH" is centered in a bold, white, sans-serif font.

# RESEARCH

**Who played an  
instrument in school?**

# Congrats!

Research says that people who play an instrument in school are smarter.

# University of British Columbia

- 15 year study of 112,916 students in southern BC
- Music students are academically one year ahead of their peers
- Average exam marks 9% higher than non-music students

# Metro Nashville Public School Board

- 52% more likely to graduate on time
- 15% higher GPA
- 16% higher in English
- 9% higher math
- three-year study

# University of Kansas

- 22% higher in English
- 20% higher in Math



# National Association for Music Education (NAfME)

- Schools with music programs
  - 90.2% graduation rate
  - 93.9% attendance rate
- Schools without music programs
  - 72.9% graduation
  - 84.9% attendance

# National Association for Music Education (NAfME)

Improvements in SAT scores

- 31 points above average in reading
- 23 points above average in math
- 31 points above average in writing

# Post-Secondary Success

- Students with music degrees are the highest percentage (66%) to be accepted to Med school (only 44% with biochem degrees are accepted)
- Students with extra-curricular experience such as music are more likely to get entrance scholarships

# Post-Secondary Success

- Western Medical School sometimes holds spots in Med school for applicants with Music degrees
- McMaster University, Department of Psychology, Neuroscience & Behaviour at McMaster University: B.Sc. double major in cognitive neuroscience and music - unique in North America

# WARBONS VALLEY MUSIC



# Yes You Can

# Music vs. “Trendy” Subjects

- STEM
- Math scores
- Coding
- ICT – Information and Communication Technology
- Jump Math
- Maths and sciences over everything else



# Career Prospects - STEM

- 6% of careers are in STEM
  - 8.6 million STEM jobs (2015)
  - 6.2 percent of U.S. employment
- Almost 100% of STEM careers require post-secondary education

(US Dept of Labour Statistics)

# Career Prospects - Music

- \$43 Billion = size of the music industry in North America
- Only 12% are actual musicians
- 88% are long-term careers in the music industry
- Your kid could be CEO of Spotify!
  - (value \$8.53 Billion)



**We asked kids:**

**“What does music mean to  
you?”**



# Academic Benefits of Music

- Executive function
- Global competencies
- Transferable skills
- Mindfulness
- Team work
- Organization
- Collaboration
- Time management
- Focus
- Leadership
- Self confidence

# Life-Long Benefits of Music

- How do you get to Carnegie Hall? Practice, practice, practice!
- Success doesn't happen overnight
- It takes hours and years of hard work and practice to create a champion in anything
- Make and accomplish goals, and deal with disappointment
- Be proud of small achievements, on the way to larger ones
- Make life-long friendships and create life-long memories
- Work with others and be good teammates, gracious in defeat and humble in success

# Famous People/Musicians

- Bill Gates - Trombone
- Albert Einstein - Piano and Violin
- Thomas Edison - Piano
- Neil Armstrong - Baritone and Ukulele
- James Dyson - Bassoon
- Neil deGrasse Tyson - Jazz lover
- Pele - Songwriter
- Steve Wozniak - Guitar



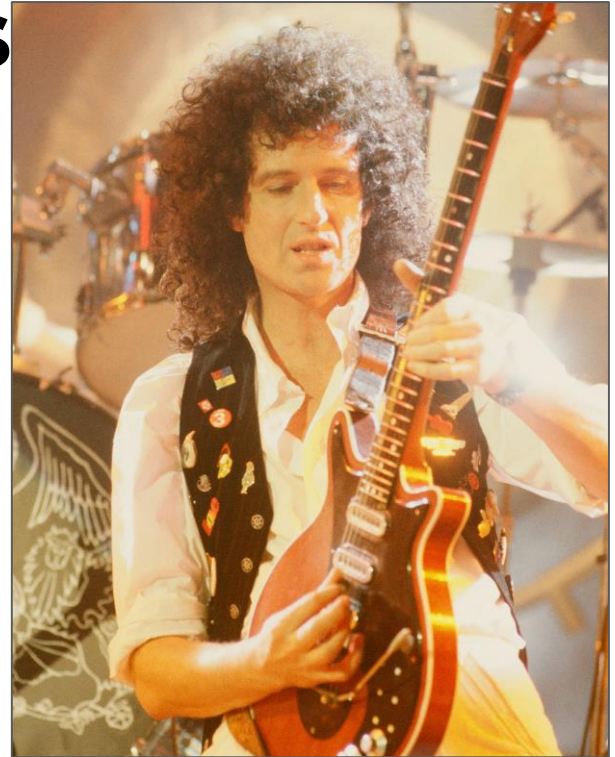
# Famous People/Musicians

- Steven Spielberg - Clarinet
- Tina Fey - Flute
- Jimmy Kimmel - Clarinet
- Bill Clinton - Saxophone
- Aretha Franklin - Tuba
- Julia Roberts - Clarinet and Oboe
- Halle Berry - Flute
- Stephen Harper - Piano
- Bob Rae - Piano
- Samuel L. Jackson - Trumpet and French horn



# Musician/Scientists

- Brian May of Queen
  - PhD in astrophysics
- Art Garfunkel
  - PhD research in math
- Tom Scholz of Boston
  - engineer
- Dr. Diane Nalini de Kerckhov
  - jazz singer & physics prof at Guelph U





# NEXT STEPS

# What You Can Do

- Encourage your child to participate in music at school
- Encourage your teenager to take music in high school
- Support your kids by facilitating at-home practice, extra-curricular bands, rehearsals, concerts
- Support music teachers!
  - ask if they need help, support, a sounding board, someone to advocate for them
- Participate in music yourself! Join a band, a choir, a ukulele group. Enjoy the same benefits your kids get.



# What We Do at Bandology

- Presentations to parents, school councils, community groups, teachers, etc.
- Speak at conferences and network with other music advocates
- Band Camp and Band Camp Junior (July 13-17, 2020)
- Play A Gig program
- Help with band trips, festivals, retreats
- Database of clinicians, conductors, etc.
- Advocate for more music for more kids



**THANK YOU!**



Lisa Michaels and Peter VanDuzer

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