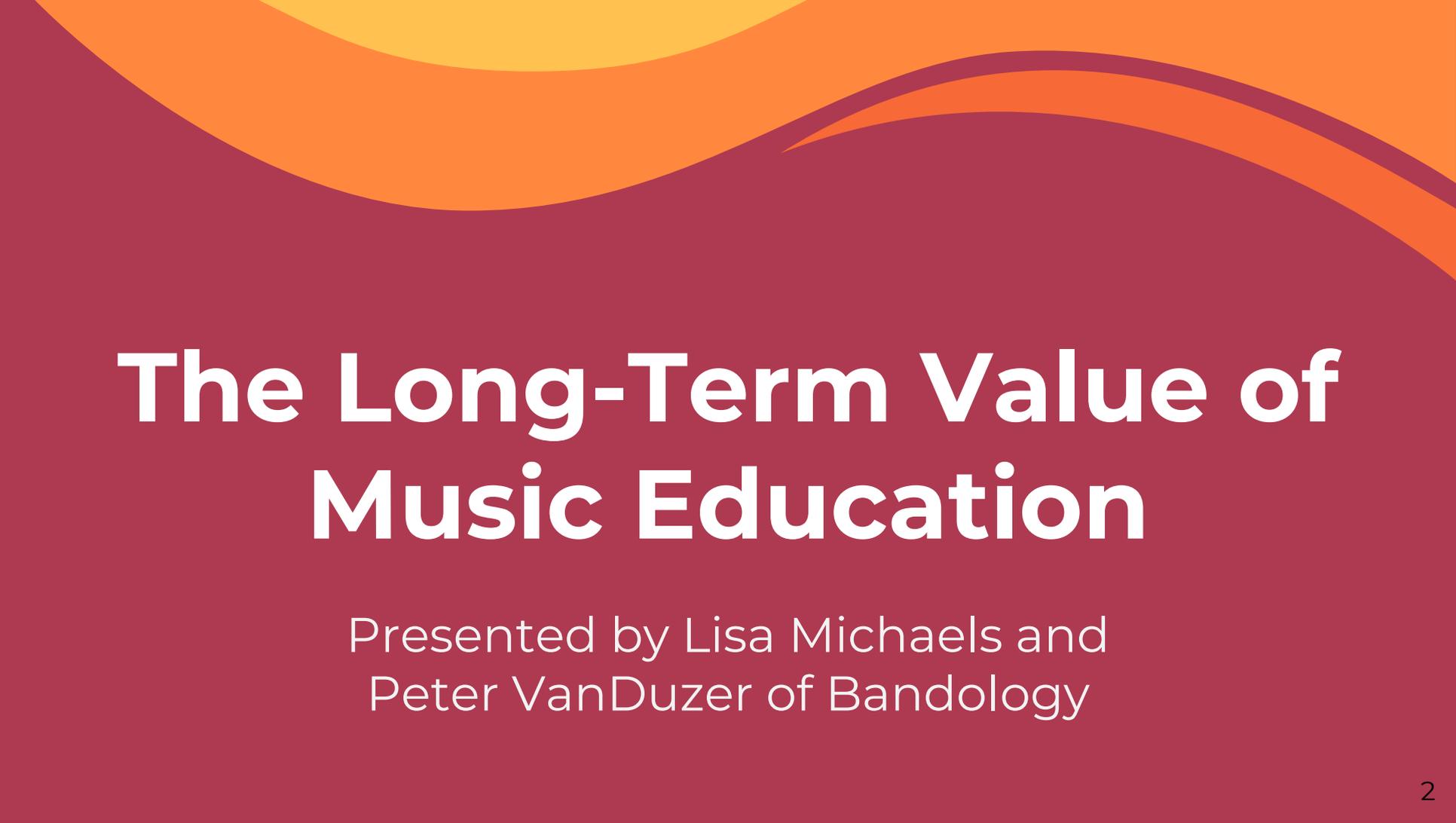




HDSB Parent Involvement Committee Conference

October 19, 2019

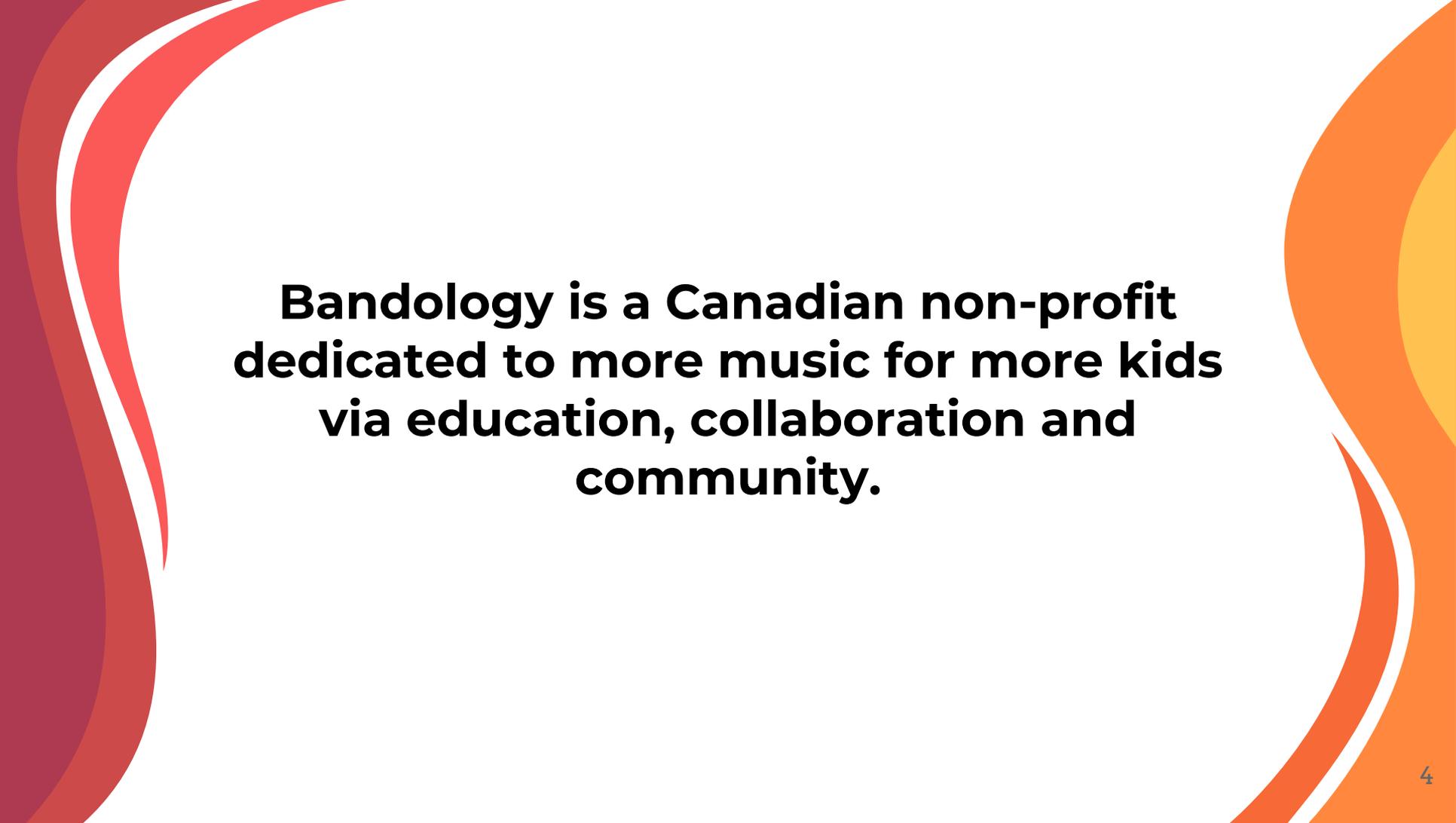


The Long-Term Value of Music Education

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 Care Culture Days
Coordinator, SAK Culture Inc.

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

Michael Cooke
Editor, Toronto Star

Aaja Peter, C.M.
Lawyer and Vocal Artist

Russell (Russ) Katry
Head, Music, Canada
Council for the Arts (Ret.)
and Singer/Songwriter

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. (Ret.)**

Linda Carvery
Federal Citizenship Judge
(Ret.)

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

Michelle Copithorne
Business Manager

Dan Tapscott
Executive Author,
CEO – The Tapscott
Group and Chancellor,
York University

**Colonel Chris Hatfield,
O.C., O.M.**
Ambassador (Ret.),
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

**It's no
coincidence.**

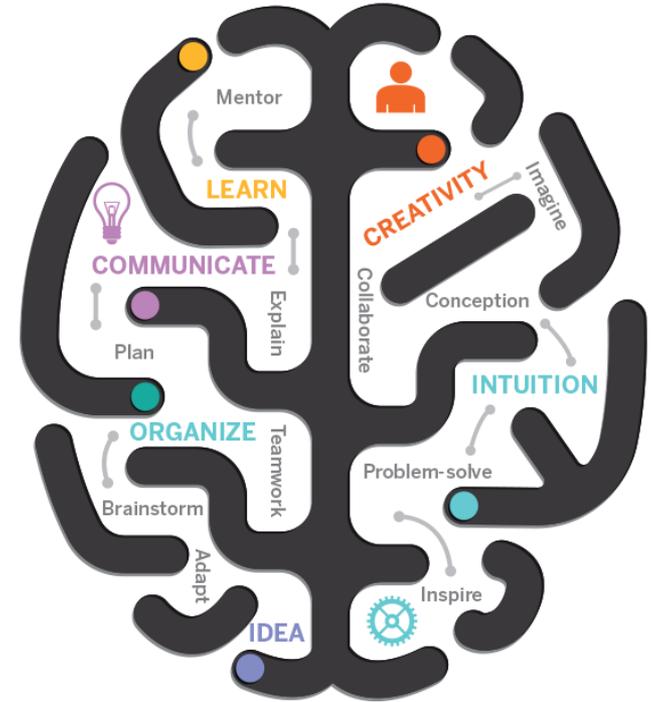


musicmakesus.ca



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



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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