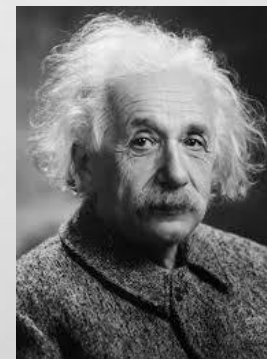


THE BENEFITS OF MUSIC EDUCATION



“THE THEORY OF RELATIVITY OCCURRED TO ME BY INTUITION, AND MUSIC IS THE DRIVING FORCE BEHIND THIS INTUITION. MY PARENTS HAD ME STUDY THE VIOLIN FROM THE TIME I WAS SIX. MY NEW DISCOVERY IS THE RESULT OF MUSICAL PERCEPTION.” – ALBERT EINSTEIN



- **SCIENTIFIC RESEARCH DEMONSTRATES THAT MUSICAL EDUCATION IS ONE OF THE MOST POWERFUL TOOLS FOR REALIZING A CHILD'S FULL INTELLECTUAL, SOCIAL AND CREATIVE POTENTIAL.**
- **SPEEDS UP THE DEVELOPMENT OF:**
 - **SPEECH, READING AND LANGUAGE SKILLS**
 - **IQ**
 - **MEMORY AND FOCUS**
 - **EMPATHY AND SOCIAL AWARENESS**
 - **HEALTH AND EMOTIONAL RESILIENCE**
 - **CREATIVITY AND ARTISTRY**

SPEECH, READING AND LANGUAGE SKILLS

- **RECENT STUDIES HAVE CLEARLY INDICATED THAT MUSICAL TRAINING PHYSICALLY DEVELOPS THE PART OF THE LEFT SIDE OF THE BRAIN KNOWN TO BE INVOLVED WITH PROCESSING LANGUAGE, AND CAN ACTUALLY WIRE THE BRAIN'S CIRCUITS IN SPECIFIC WAYS.” – CHILDREN'S MUSIC WORKSHOP**
- **“LANGUAGE COMPETENCE IS AT THE ROOT OF SOCIAL COMPETENCE. MUSICAL EXPERIENCE STRENGTHENS THE CAPACITY TO BE VERBALLY COMPETENT.”**

IQ

- **IN A STUDY BY E. GLENN SCHELLENBERG AT THE UNIVERSITY OF TORONTO AT MISSISSAUGA THEY FOUND A SMALL INCREASE IN IQ FOR SIX YEAR OLDS THAT TOOK MUSIC LESSONS. IN THE STUDY, THERE WERE THREE DIFFERENT GROUPS OF SIX YEAR OLDS, ONE GROUP TOOK PIANO AND VOICE LESSONS, ANOTHER GROUP TOOK THEATER LESSONS, AND ANOTHER GROUP TOOK NO FORM OF CREATIVE STUDIES. THE GROUP THAT TOOK PIANO AND VOICE LESSONS TESTED ON AVERAGE THREE IQ POINTS HIGHER THAN THE OTHER GROUPS. THE GROUP THAT TOOK THEATER DIDN'T HAVE ANY NOTICEABLE INCREASE IN IQ BUT THEY EXPERIENCED AN INCREASE IN SOCIAL BEHAVIOR, BENEFITS THAT THE MUSIC ONLY GROUP DIDN'T GET.**

MEMORY AND FOCUS

- **TRAINS STUDENTS TO FOCUS THEIR ATTENTION FOR SUSTAINED PERIODS**
- **LEARNING TO PLAY AN INSTRUMENT OR SINGING REQUIRES HIGH LEVELS OF ATTENTION, THUS PUSH KIDS TO DEVELOP THEIR FOCUS.**
- **INDIVIDUALS WHO ARE MUSICALLY TRAINED SHOW BETTER WORKING MEMORY.**
- **“MUSICIANS SHOW BETTER COGNITIVE SKILLS SUCH AS ATTENTION, MEMORY, AND PERCEPTION, WHICH ARE SUPPORTED BY CHANGES TO THE BRAIN ITSELF.” –DR. SEAN HUTCHINS**

EMPATHY AND SOCIAL AWARENESS

- **MUSIC REQUIRES A HIGH DEGREE OF PRECISION. IN MUSIC, BEING ALMOST IN TUNE IS NOT GOOD ENOUGH. SO CHILDREN WHO TAKE MUSIC ARE BETTER ABLE TO DISTINGUISH SUBTLE DETAILS OF SPEECH, LEADING TO IMPROVED READING, BETTER COMPREHENSION, AND ALSO A GREATER ABILITY TO INTERPRET WHAT OTHER PEOPLE ARE REALLY SAYING. WHICH WILL MAKE THEM MORE LIKELY TO REACH OUT TO SOMEONE IN NEED.**
- **MUSIC IS EMOTIONAL SO MUSICIANS MUST LEARN TO CONNECT WITH PEOPLE IN AN EMOTIONAL LEVEL. WHETHER IT'S HARMONIZING IN A CHOIR OR PERFORMING IN A STRING QUARTET OR SIMPLY JAMMING WITH FRIENDS, MUSIC STUDENTS LEARN HOW TO SHARE ATTENTION CO-OPERATE AND COLLABORATE.**
- **STUDIES HAVE SHOWN THAT COLLABORATIVE MUSICAL ACTIVITIES CAN INCREASE A TODDLERS' PRO-SOCIAL BEHAVIORS MAKING THEM MORE LIKELY TO HELP SOMEONE IN NEED.**

HEALTH AND EMOTIONAL RESILIENCE

- **LIFE-LONG MUSIC TRAINING CAN OFFER IMPROVED COGNITIVE FUNCTION.**
- **MUSIC THERAPY HAS HELPED PEOPLE RECOVER FROM STROKES AND CAN BE USEFUL IN TREATING A VARIETY OF NEUROLOGICAL DISORDERS, SUCH AS STUTTERING, AUTISM AND PARKINSON'S DISEASE.**
- **MUSIC TRAINING HAS SHOWN TO DELAY THE ONSET OF DEMENTIA.**
- **SENIORS WITH MUSICAL TRAINING ARE ABLE TO PICK OUT SOUNDS IN NOISY ENVIRONMENTS AND ARE MORE CAPABLE OF CARRYING OUT CONVERSATIONS EVEN THOUGH THEY ARE SUFFERING FROM HEARING LOSS.**

CREATIVITY

- **MUSIC GIVES CHILDREN A MEANS TO EXPRESS THEMSELVES. IT GIVES THEM A MEANS TO UNLEASH THEIR CREATIVITY AND TO BE INSPIRED BY THEIR OWN BOUNDLESS CAPACITY FOR PERSONAL GROWTH**

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