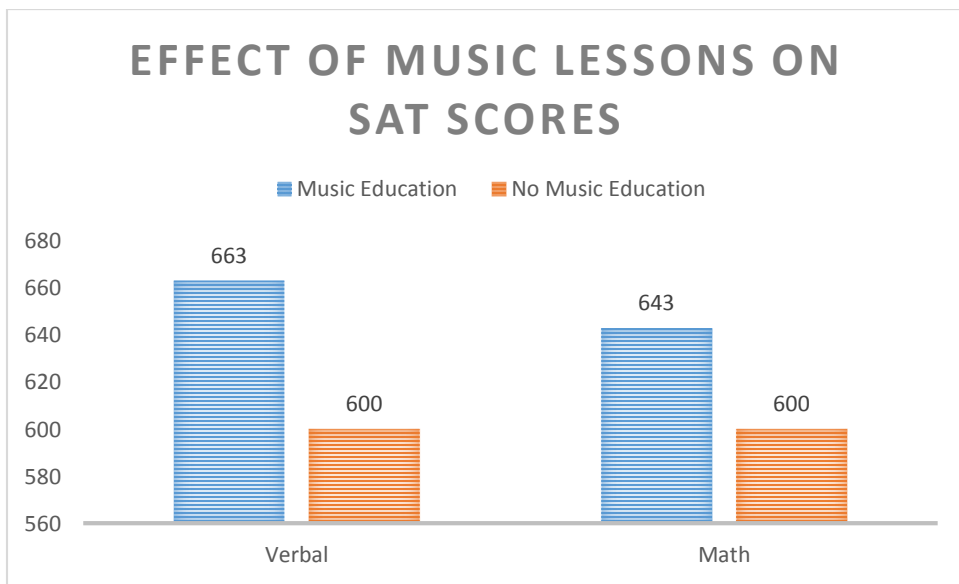
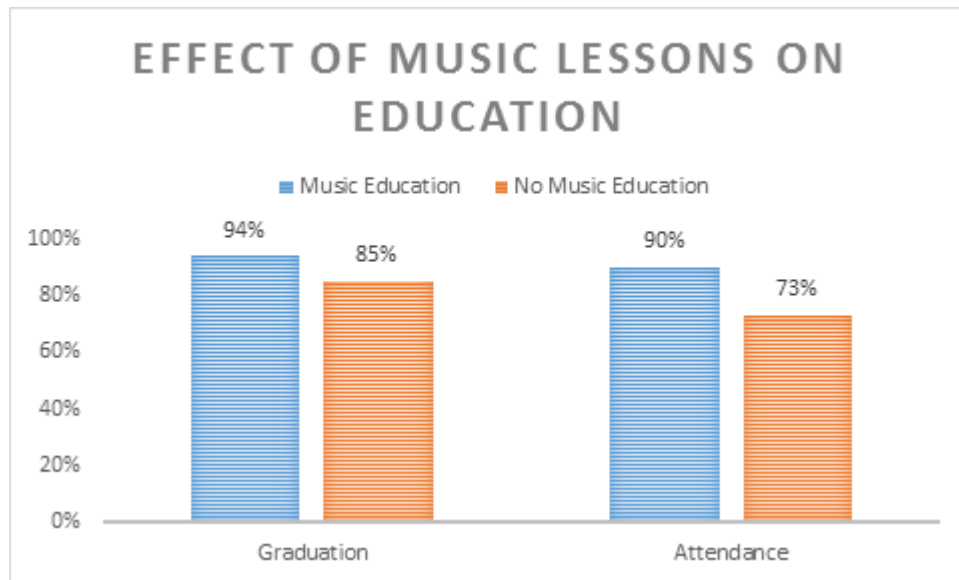


The Benefits Of Music Lessons For Children Are Endless

- Increased self-confidence
- Develop social, communication and teamwork skills
- Increases memory and vocabulary
- Higher SATs scores; +63 points in verbal, + 44 points in math
- Higher high school attendance and chance of graduating



Interesting Statistics on the Benefits of Music

1. The schools that produced the highest academic achievement in the United States today are spending 20% to 30% of the day on the arts, with special emphasis on music.
International Association for the Evaluation of Educational Achievement (IAEEA) Test, 1988
2. Music majors are the most likely group of college grads to be admitted to medical school.
Lewis Thomas, Case for Music in the Schools, Phi Delta Kappa, 1994
3. Students who were exposed to music-based lessons scored a full 100% higher on fractions tests than those who learned in the conventional manner. *Neurological Research, March 15, 1999*
4. High school music students have been shown to hold higher grade point averages (GPA) than non-musicians in the same school. *National Educational Longitudinal Study of 1988*
5. A study of 7,500 university students revealed that music majors scored the highest reading scores among all majors including English, biology, chemistry and math. *The Case for Music in the Schools, Phi Delta Kappa, 1994*
6. During moments of musical euphoria, blood travels through the brain to areas where other stimuli can produce feelings of contentment and joy-and travels away from brain cell areas associated with depression and fear. *Dr. Frederick Tims, reported in AMC Music News, June 2, 1999*
7. Martin Gardiner of Brown University tracked the criminal records of Rhode Island residents from birth through age 30, and he concluded the more a resident was involved in music, the lower the person's arrest record. *Music Linked to Reduced Criminality, MUSICA Research Notes, Winter 2000*
8. Students of lower socioeconomic status who took music lessons in grades 8-12 increased their math scores significantly as compared to non-music students. But just as important, reading, history, geography and even social skills soared by 40%. *Gardiner, Fox, Jeffrey and Knowles, Nature Magazine, May 23, 1996*
9. Middle school and high school students who participated in instrumental music performances scored significantly higher than their non-band peers in standardized tests. *University of Sarasota Study, Jeffrey Lynn Kluball; East Texas State University Study, Daryl Erick Trent*
10. The College Entrance Examination Board found that students in music appreciation scored 63 points higher on verbal and 44 points higher on math than students with no arts participation.
College-Bound Seniors National Report. "Profile of SAT Program Test Takers. Princeton, NJ."The College Entrance Examination Board, 2001
11. The world's top academic countries place a high value on music education. Hungary, Netherlands and Japan have required music training at the elementary and middle school levels, both instrumental and vocal, for several decades. *1988 International Association for the Evaluation of Educational*

Achievement (IAEEA) Test

12. Music training helps under-achievers. Students lagging behind in scholastic performance caught up to their fellow students in reading and surpassed their classmates in math by 22% when given music instruction over seven months. *Nature Magazine, May 23, 1996*
13. College-age musicians are emotionally healthier than their non-musician counterparts for performance anxiety, emotional concerns and alcohol-related problems. *Houston Chronicle, January 11, 1998*
14. U.S. Department of Education data show that students who report consistently high levels of involvement in instrumental music during the middle- and high-school years show "significantly higher levels of mathematics proficiency by grade 12." *James Catterall, Richard Chapleau, and John Iwanaga, "Involvement in the Arts and Human Development, " 1999*
15. A Columbia University study revealed that students in the arts are found to be more cooperative with teachers and peers, more self-confident and better able to express their ideas. These benefits exist across socioeconomic levels. *The Arts Education Partnership, 1999*
16. The nation's top business executives agree that arts education programs can help repair weaknesses in American education and better prepare workers for the 21st century. *The Changing Workplace is Changing Our View of Education, BusinessWeek, October 1996*
17. Music integrated into seventh- and eighth-grade social studies results in better subject performance and better social behaviors and attitudes. *National Educational Longitudinal Study, 1988*
18. When a child learns by experience that music forges direct links between self and world, self-expression becomes more fluent; the music helps interpret "who I am." *Growing up Complete, the report of the National Commission on Music Education, 1990*
19. A study of 237 second-grade children involved with both piano keyboard training and innovative math software scored 27% higher on proportional math and fractions tests than students only using the math software. *Amy Graziano, Matthew Peterson, and Gordon Shaw, Neurological Research 21, March 1999*
20. Researchers noted that the college-aged music students seemed to have surer footing when facing tests. *Houston Chronicle, January 11, 1998*