

Sign up by the week or the whole summer for 8 weeks of incredible fun!

In addition to weekly songs, dance, art, special visitors, field trips (for kindergarten and older), and Composers of the Week, the following is a partial listing of music curriculum planned for each week of summer camp. Each week will be tailored to meet the needs of each age group. New ideas in the curriculum will begin with a story or information already familiar to the child. (For example, each style or period of music from Baroque to present day can easily be illustrated from the music of animated Disney films). We are also planning to set up a special mini-concert hall within the school for use throughout the summer!

Though the music curriculum will be a major part of each summer camp day, we will also save room to enjoy other activities as well: cooking, sewing, woodwork, arts and crafts, picnics (weather permitting), splash days, and special treats, etc. We love sharing summer fun with the children as much as they do!

- Jun 04 - Jun 08:** **The Sound of Science: Exploration of Sound in Music**  
Introduction to the Story of Music, instrument families, musical styles, poetry & rhyming, mood & emotion in music, sounds and music in nature and how to listen to music.
- Jun 11 - Jun 15:** **We've Got the Beat!: The Rhythm of Life**  
Children learn that rhythm is the pulse of music, how to hear and reproduce beats and their patterns; counting; early primitive people and their use of basic instruments; simple rhythmic games.
- Jun 18 - Jun 22:** **Hey, Mr. Tambourine Man: Percussion: The Heartbeat of Music**  
Percussion instruments with a skin such as tambourine, drum, congas, and bongos are the heartbeat of music; Use of simple to complex patterns, in unison and alternating; following written patterns in music.
- Jun 25 - Jun 29:** **For Whom the Bell Tolls: The Harmony of the Soul**  
Percussion instruments without a skin (triangle, hand bells, xylophone, etc); training the ear with the major scale notes of Do Re Mi; history of the bells in communication; hand bells in music; introductory notation.
- Jul 02 - Jul 06:** **Independence Day - Holiday Child Care only this week.**  
Have a great holiday!
- Jul 09 - Jul 13:** **Got the World on a String: Singing Strings**  
Parts of the orchestra; string family of instruments (ukulele, guitar, banjo, violin, cello, harp); vibration and resonance; introduction of the Baroque style of music; music dynamics; notation practice.
- Jul 16 - Jul 20:** **Blowin' in the Wind: Music that Takes Your Breath Away**  
Woodwind and Brass family of instruments (harmonica, recorder, flute, clarinet, saxophone, trumpet); melody and harmony; Introduction of the Romantic style of music.
- Jul 23 - Jul 27:** **Keys to My Heart: A Most Striking Instrument**  
History of the piano and other keyboard instruments; melody and harmony, dynamics, rhythm, texture; Introduction to Classical style of music; music notation.
- Jul 30 - Aug 03:** **One Voice: The Most Wonderful Instrument of All**  
Continued practice of Do Re Mi scale; matching voice to notes and sounds; singing in a group; combining instrumental practice from the summer with voice and song; Types and styles of concerts and musical performances (symphony orchestra, chamber music, choral, ballet, opera, and musical); concert etiquette.



MUSIC ROCKS!



# Alden Montessori School



## Science of Music

SUMMER CAMP 2018

Alden Montessori School is proud to present The Science of Music, a beautiful summer program introducing children to a unique and vital aspect of the human spirit. Music is a fundamental form of expression and joy which knows no barriers, woven into the cultural heritage of every society. Early childhood music study offers benefits far beyond the musical...creativity, self-esteem, cognition, social and organizational skills, are only a few of the many advantages.

Summer Campers will delight in a variety of interactive summer activities: exploring the origins and basic elements of music; experiencing the evolution through the Composers of the Week; and discovery of the great range of instruments in the music world. For some, reading of music will allow children to play familiar songs they already love. Music and movement go hand-in-hand as children enjoy weekly dance activities. Through fun and entertaining music-filled activities, musical art, instrument-making, and song, as well as musical visitors/field trips and concerts, we hope to spark in each child a joyful and lifelong love of music!

JUNE 4TH THROUGH AUGUST 3RD

# Benefits of *music* education for young children...

It has long been known that music education for children provides many advantages to their development...Below is a summary of the results of many studies as described in an article on childhood music education by Laura Lewis Brown on PBS.com...

**More Than Just Music.** Early music education facilitates learning in other subjects and enhances skills that children inevitably use in other areas. A music-rich experience of singing, listening and moving provides great benefits to children.

Making music is more than the playing of an instrument. A child learning music taps into multiple skill sets simultaneously. Music engages ears and eyes, large and small muscles, as well as the whole brain.

**Language Development.** Children ages two to nine are especially sensitive to music's benefit for language development. While children are innately ready to decode sounds and words, music education helps enhance those natural abilities, either at home, or in a more formal music education setting.

The effect of music education on language development can be seen in the brain. Musical training physically develops the part of the left brain involved with processing language and can wire the brain's circuits in specific ways. Linking familiar songs to new information helps to imprint information on young minds. This music/language relationship is also socially advantageous. The development of language over time enhances areas of the brain that processes music. Language competence is at the root of social competence. Musical experience strengthens the capacity to be verbally competent.

**Increased IQ.** Increases in IQ tests of first graders with weekly music lessons were compared to children receiving drama lessons, and children receiving no lessons. Children given music lessons tested, on average, 3 IQ points higher than the other groups.

**The Brain Works Harder.** The musical brain, even a young one, works differently than the non-musical brain. Neuroscience has shown that children in music have greater neural activity, as music study uses more of the brain.

A study of brain images of children engaged in a 15-month period of weekly music study were found to have improved sound discrimination and fine motor skills.

**Spatial-Temporal Skills.** Regarding music and spatial intelligence, it has been shown that understanding music help children visualize various elements that should go together, like when solving a math problem.

Music instruction improves spatial-temporal skills in children over time. These skills are used in solving multi-step problems such as one would encounter in architecture, engineering, math, art, gaming, and especially working with computers.

**Improved Test Scores.** Students in elementary schools with superior music education programs score around twenty-two percent higher in English and twenty percent higher in math scores on standardized tests. The concentration that music training requires translates to better performance on standardized tests.

Music training also helps with basic memory recall and other cognitive strengths such as verbal recall proficiency.

**Being Musical.** Music improves a child's abilities in learning and other non-musical tasks, but it's important to understand that music does not specifically make one smarter. The intrinsic benefits to music education include discipline, learning new skills, managing performance, contributing to a group effort through individual skills.



## Our summer includes a wide array of interesting topics and sensorial experiences to develop the child's mind and bring music to life...

### Budding Musicians

Students will enjoy a fascinating summer, experiencing the beauty of music...from observation of sound waves to the wonderful ways sound can be manipulated to make music. Concepts come alive as they create their own musical instruments, explore and discover the wonderful world of music.



### Montessori Academics

The Montessori experience is a unique, integrated curriculum that utilizes all the senses to make an active learning environment both fun and exciting. The Montessori student is naturally eager for knowledge and initiates their own learning in a supportive, thoughtfully prepared learning environment.



### Sound of Music

Children are fascinated by how things work. To excite their inquisitive minds, our budding music scientists will have sensorial lessons using their senses to see, hear and feel sound waves and learn about the many beautiful ways sound works in our world.



### Music History

Our students will dig deep into the study of the history of music; from the ancient drum to the Yamaha drum kit, from ancient flutes to the sax, from the lyre to the electric guitar. And, of course the most beautiful instrument of all... the voice!



### Musical Art

Creativity abounds as the children draw, paint, sculpt and create amazing arts and crafts. The children's art, inspired by music, will drive them to explore the many ways music can be expressed. They can utilize their new found scientific knowledge into the creation of beautiful musical instruments as well!



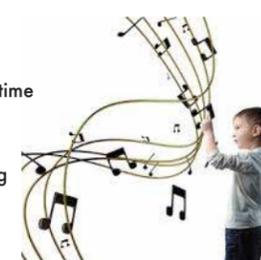
### Trips & Visitors

We welcome many special guests. These exciting programs bring a smile to the faces of our young musicians. Kindergarten and elementary students will also explore the wonderful world of music with special trips off campus.



### Making Music

Our young musicians will have a great time making music. They will have hands-on experience with musical instruments, reading and writing music, and enjoying learning about all the many types and styles of music.



### Active Bodies

The children are amazed by the gracefulness of their body's movements. They will test how their energy changes and their bodies move with different musical styles. Our young dancers will have a great time swinging and swaying with the beat.

