

## Research target group GMC

"Our results show that children of elementary school age can learn more items within a given period of time than adults, making learning more efficient in children," said Takeo Watanabe of Brown University. (Sciencedaily.com)

Joining a youth symphony orchestra has great benefits for children. It helps youth develop instrument proficiency and gain valuable skills such as listening to others, accepting instruction, and operating as a team. These skills can then be transferred to other aspects, such as academics and work. (Chicagoyouthorchestra.org)

Learning can look a little different for adults. When we receive new information. We automatically compare and contrast the new concepts to the knowledge and experience we already have up our sleeves. Our brains instinctively know that they can only process so much at a time. It tries to analyse new information and identify the key points that need to be remembered. Then it files the new source of information in line with the relevant context. This process explains why it is so much harder to learn new knowledge and skills as an adult. (Music-onpurpose.com)

Children don't have the same social filters that we have (e.g. Fear of judgement). And for that reason, they are often more open and willing to step out of their comfort zone and try something new. Whether it be performing, learning a new song, mastering a new musical skill on their instrument, etc. Children are likely to try new tasks and see them through, regardless of how well they do.

1. Adults are more mature than children. They can understand music theory better in a shorter period of time.
4. Adults have longer attention span compared to children. This enable them to spend longer time to practice and achieve their goals.
5. Adults are more self-disciplined and less dependent to teachers compared to children.

7. Children are less self-conscious while playing the musical instrument. They have the advantage of using relaxed muscle in their playing. However, adults are always self-conscious which leads to tensed muscle which will affect their performance.

### Improve Social Skills

One of the most significant benefits is the valuable connections your child establishes with other students. This social skill development occurs as each student makes new friendships with the other players of the orchestra. Some of these interactions could even lead to lifelong friendships.

### Improve Cognitive Skills

Learning to read music and manipulating an orchestra instrument to produce the sounds you want it to produce improves eye-hand coordination as well as cognitive skills. Your child will learn to be more focused and have greater visual awareness. It has been proven through various studies that children who participate in their school's orchestra perform better in other areas of study, such as arithmetic and reading. It also allows students to expand their imagination, which opens other various avenues throughout their lives, such as in the arts, sciences, or business.

### Learn To Work as a Team

When your youth joins an orchestra, they become a fundamental part of a team with certain goals. They learn that by doing their part, they contribute to a larger goal of composing a symphony and that their team relies on their skills, and without them, they might fail. This also creates a sense of duty that they might apply to their future employment and family interactions, as well as their education.

### Learn New Experiences

Along with playing in their school's auditoriums, youth orchestras also get to perform for their local communities. They may also get chosen to perform in high-ranking competitions that take place in the global community. This will allow them to gain new experiences as they see the world before them and overcome adversaries such as stage fright and the fear of playing music publicly without judgment. These skills are a huge help when children transition to professional life.

### Create A Sense of Responsibility

Being an orchestral student obligates children to care for their instruments. Orchestral instruments are among the most delicate. From the beginning, they need to learn how to respect and care for their instrument and keep it in good clean playing condition. It also teaches them learning opportunities to overcome challenges as they move from novice orchestra student to skilled developing musician. The devotion required to master an instrument carries over and helps them cope with their studies and future life issues.

### Benefits to learning instrument:

- Improve social skills
- Learning teamwork
- Developing sense of responsibility
- Improve cognitive skills
- New joyful experiences

### Benefits children have learning music:

- Children have lots of freetime
- Children seem to absorb things like a sponge
- Children are less self-conscious
- Children have more flexible fingers compared to adults
- Children have better musical memory which enable them to develop better hearing and aural skills if they're trained from young age

### Benefits adults have learning music:

- Adult are generally more disciplined
- Adult tend to have a longer attention span
- More maturity means adults understand music theory better

Summarizing all the sources stated in this document. Joining a youth symphony orchestra is very beneficial for children, offering advantages in various aspects such as social skills, responsibility and teamwork (Chicago Youth Orchestra). Additionally, learning an instrument as a child seems to be more rapid compared to adults (ScienceDaily). On top of that children have lots of freetime to practice playing a music instrument and they are generally less-conscious than adults, meaning that they are less afraid to make mistakes.

Meanwhile, while adult have some advantages to learning instruments such as a longer attention span and more discipline the discussion on the cut-off age for top-tier orchestras (Violinist.com) and insights into learning music as an adult (Music On Purpose, Levine Music) suggest that while adults can still learn and enjoy music, it's can be harder to achieve a high skill level the later you start playing an in instrument in life. Additionally the focus on youth aligns better with the longevity of the orchestra.

In conclusion, it appears advantageous to target children and thus their parents as the primary target for attracting new members of the Geldrop Muziek Corps orchestra.

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