



Terms to Know

Number Sense — The ability to appreciate the size and scale of numbers in the context of the question at hand

Numerical Fluency — The ability to effortlessly recall basic number facts for all four operations (addition, subtraction, multiplication, division)

Mental Math — The ability to do math in one's head, without writing or counting on fingers

Assessment — The evaluation of strengths and weaknesses on grade-specific and conceptual skills

Learning Plan — A blueprint that specifies skills the student needs to master and in which order

Rewards Program — A motivational system in which students receive punch cards for successfully completing work, then trade their cards for items in our rewards cabinet

Mastery Check — A checkpoint quiz to determine if a student has mastered the critical skill

Progress Report — A report that details the skills a student has mastered, what's next in their learning plan and their attendance

A Typical Mathnasium Session

Like a gym, each Mathnasium session will stretch and exercise your child's "math muscles" with a well-rounded learning experience, helping them build the strong foundation necessary for long-term math success!

1. **Warm-up / 5 Minutes** — Similar to a gym workout, a five-minute period to boost confidence and prepare for the session
2. **Prescriptives / 20 Minutes** — Practice that is "prescribed" to target the critical skills a student needs to master, as identified through the assessment process
3. **Workout Book / 15 Minutes** — Practice in number sense, mental math, critical thinking and problem-solving skills required by the learning plan
4. **Homework Help / 15 Minutes** — Instructors assist by explaining topics and checking a representative sampling of problems
5. **Cool-down / 5 Minutes** — Five minutes of meaningful learning reflection and an activity/game to end the session on a high note

Exact time allocation varies by location, student age, and specific needs identified by instructors.



"They are both excelling in math way beyond their respective grade levels and loving it!" — **Alexandra R.**

Your Role in Student Success

Regular Attendance:
For best results, help your child attend the center as frequently as the center director recommends. Just like at a gym, missed "workouts" mean slower results. Each time your child attends Mathnasium is a milestone — a step toward inevitable success. Celebrate it!

Patience:
Your child's math comprehension will begin to increase as soon as they start working with us, but dramatic improvement requires patience, as our program balances the short-term goal of raising school grades with the long-term goal of math mastery. Teach your child that greatness is achieved in increments — by following the right program for step-by-step growth. Your center director will help set achievable goals.

Be Positive:
Your child is a vast reservoir of potential. Tell your child that you believe that they can get better, and better, and better in math. Share with them the importance of math in everyday life, such as when shopping or cooking. We've seen that confidence in math creates confidence in school overall — and beyond! Visit our social media channels regularly for insights and ideas.

Communicate:
We consider you our partners in your child's education. If you have any questions about your child's progress, please reach out to your center director for clarification. If you plan a vacation or other event that would keep your child from attending, please let us know well in advance so that we can work with you to help keep them on track.

Changing Lives Through Math™



"We LOVE Mathnasium! After three months, my daughter raised her score by more than 30%! Her confidence also increased, and now she participates actively in math class... It's worth every penny."

— Michelle K.

Changing lives is very rewarding. Ask us about our referral program!



