

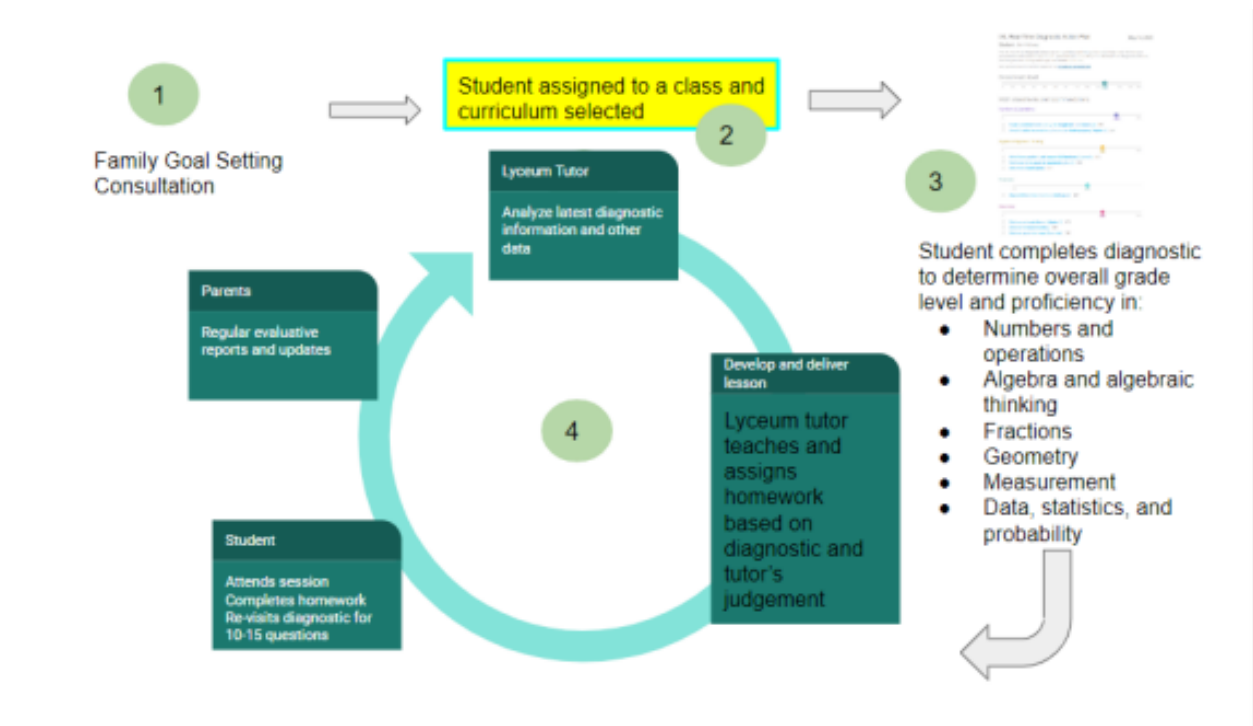
# THE LYCEUM INSTITUTE

INDIVIDUAL-CENTERED • MINDSET-FOCUSED • RESULTS-DRIVEN

## Mastery of Math (MOM 4-12)

### Context

Effective online one-on-one data-driven program designed to reinforce 4<sup>th</sup> to 12<sup>th</sup> graders current math skills and jumpstart them on their upcoming math units and curricula. Lyceum instructors utilize students' classwork, homework, and weekly diagnostic examinations to individualize instruction to their needs—remediation, reinforcement, staying ahead of grade level, training for competitions, and so on. Mastery of Math (MOM) emphasizes students' ability to use appropriate mathematical language to explain the reasoning used to solve their problems. The specific topics covered can be aligned to state standards and, if accessible, the student's school's math curriculum.



Process Standards for all students*	Topics
<ul style="list-style-type: none"> <li>● <b>Problem solving:</b> applying math skills and using appropriate technology to solve real world problems in context</li> <li>● <b>Reasoning and proof:</b> verbally justify and explain the processes used to arrive at results</li> <li>● <b>Communications:</b> use appropriate technical vocabulary to discuss work verbally and in writing</li> <li>● <b>Connections:</b> locating the application of your work to other sciences and fields outside of math</li> <li>● <b>Representation:</b> use all available various means— words, graphs, tables, equations, and so on--to represent work</li> </ul>	<ul style="list-style-type: none"> <li>● 4th to 8th grade math</li> <li>● Algebra 1</li> <li>● Geometry</li> <li>● Algebra 2</li> <li>● Trigonometry</li> <li>● Pre-calculus</li> <li>● Calculus</li> <li>● Statistics</li> </ul>

### Pricing

1 hour/week.....	\$550/month
2 hours/week.....	\$1000/month
3 hours/week.....	\$1450/month
4 hours/week.....	\$1900/month

### Contact

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