

Middle School Math Courses

Pathway A

6th grade:
MS Math 1

7th grade:
MS Math 2

8th grade:
MS Math 3

Pathway B

6th grade:
MS Math 1/2

7th grade:
MS Math 2/3

8th grade:
Algebra I

Pathway C

6th grade:
CC7/8

7th grade:
CC8/Algebra 1

8th grade:
Geometry

Choosing your pathway.

The information below provides more details to help you choose your math pathway.

Math Pathway A: Students choosing this pathway will focus on depth and proficiency of grade level standards. Pacing of new concepts will match recommendations in the Washington State Standards. This pathway maximizes support for math learning. **Students choosing this pathway may prefer to take time on a topic to develop depth of understanding and practice skills for mastery with support from their teacher.**

Math Pathway B: Students choosing this pathway will receive a compacted curriculum for MS Math 1 through MS Math 3. Compacting is designed to focus on the development, depth and proficiency of pre-algebra skills to ensure readiness for Algebra. This pathway provides a more challenging pace of learning new concepts and applications. **Students choosing this pathway should have a strong understanding of 5th grade math content. Receiving 3's (meeting expectation or standard) on past report cards, the state assessment (SBA) and/or i-Ready Math would indicate a strong understanding of math standards. Additionally, students choosing Math Pathway B should have an interest in a challenging math course, and be ready to work hard, persisting when encountering difficult math tasks.**

Math Pathway C: This pathway SKIPS 6th grade math and joins 7th grade students who took 6th grade math at their middle school. **Students choosing this pathway should have a strong understanding of 6th grade math content including the following:**

- Mentally (without paper) multiply numbers between 0 and 12, quickly and accurately
- Mentally add, subtract and divide most single and double-digit numbers, positive and negative
- Divide multi-digit numbers without a calculator
- Plot ordered pairs on the coordinate plane in all four quadrants
- Divide two fractions
- Quickly and easily reduce fractions, convert mixed numbers to improper fractions, and convert improper fractions to mixed numbers
- Solve ratio and rate problems

One indicator for readiness for pathway C is that the student is working or scoring at the 7th grade level, or scoring above a 4.00 in i-Ready math and each math domain or topic. You can self-assess your understanding of 6th grade content using this link: <http://apps.issaquah.wednet.edu/documents/math/cc6masterytest.htm>

Math pathway D: A Placement test required for this pathway, for more information visit <https://www.isd411.org/academics/middle-school-curriculum-pathways/mathematics/math-ep>.

Middle School Science Courses

Pathway 1

6th grade:
Life Science

7th grade:
Earth and Space Science

8th grade:
Physical Science

Pathway 2

6th grade:
Earth and Space Science

7th grade:
Physical Science

8th grade:
Biology

Science Pathway 1: Students choosing this pathway will focus on depth and proficiency of grade level standards. Pacing of new concepts will match recommendations in the Washington State Standards. This pathway maximizes support for science learning. **Students choosing this pathway may prefer to take time on a topic to develop depth of understanding and practice skills for mastery with support from their teacher.**

Science Pathway 2: Science Path II provides students with a science pathway to skip a year of science content to take a high school level course in 8th grade. This may be an appropriate placement for your student. Students choosing this pathway should have strong reading and math skills and be reading at least two grade levels above standard. Please consider your students reading and math scores in iReady. One indicator for readiness for this pathway is that the student is working or scoring above grade level, or scoring above a 4.00 in i-Ready math and ELA.

Questions: Please visit <https://www.isd411.org/academics/middle-school-curriculum-pathways>, talk with your child's teacher and/or school counselor or contact Lena Jones, Secondary Specialist, jonesl@issaquah.wednet.edu or Dawn Wallace, Director of Teaching and Learning at wallaced@issaquah.wednet.edu.