

Arrows Academy

Math at Arrows

Math at Arrows requires a parent/teacher partnership in all grades and at all levels. Arrows offers math instruction in grades 3 and up. Students in pre-school through 2nd grade are expected to complete their math independently of Arrows.

Math Tracks at Arrows:

3rd- 5th graders are automatically placed in Track 1. Returning students are placed according to their current track. If you would like to switch tracks, contact administration to see if there is room in your preferred track. Students can move from Track 1 to Track 2 in 6th or 7th grade.

Track 1	Track 2	Track 3
3rd: Abeka 3	3rd: Abeka 3	3rd: Study Hall
4th: Abeka 4	4th: Abeka 4	4th: Study Hall
5th: Abeka 5	5th: Abeka 5	5th: Study Hall
6th: BJU 6	6th: BJU 6 or Fundamentals	6th: Study Hall
7th: Fundamentals	7th: Pre-Algebra	7th: Study Hall
8th: BJU Pre-Algebra	8th: BJU Algebra 1	8th: Study Hall
9th: BJU Algebra 1	9th: BJU Geometry	9th: Study Hall
10th: BJU Geometry	10th: BJU Algebra 2	10th: Study Hall
11th: BJU Algebra 2	11th: MUS: Pre-calculus	11th: Study Hall
12th: MUS Pre-calculus	12th: Dual Enrollment	12th: Study Hall

Which curriculum does Arrows use?

Arrows uses Abeka, BJU Press, and Math U See. Both Abeka and BJU are thorough and complete. We prefer BJU in the older grades but have opted for Abeka in the younger grades. The Abeka curriculum uses a spiral approach, with a lot of built-in review, which is helpful for building a strong foundation in the elementary years. Abeka is less expensive, and we aim to keep costs as low as possible for our families. Math U See Pre-calculus is a video-based course, which is helpful in an upper level math course.

What is the parents' role with math while partnering with Arrows?

Each week, the teacher will introduce approximately 3 lessons during class and provide the students with direct instruction and application opportunities. Parents oversee the at-home assignments for math each week. It is recommended that parents review key concepts and check for understanding before students begin their work. Parents grade the homework and oversee corrections. Quizzes and some tests are taken at school, while some tests are proctored at home. **If there is a deficit in learning or understanding, the parents are responsible for reteaching any concept that is not mastered and enlist the help of additional resources or tutors when needed.**

How can I prepare my child for math at Arrows?

Each class will have summer math assignments to complete. The assignments are optional but highly encouraged to help your child start out with a strong foundation. The summer lessons assigned will not be taught in class during the school year. It is also critical that students practice and memorize grade appropriate math facts. In order to minimize frustration and allow students to learn and apply new concepts and skills, rising 3rd graders should have a mastery of addition and subtraction facts 1-20 as well as a solid understanding of addition with carrying and subtraction with borrowing. Rising 4th and 5th graders should have a mastery of multiplication facts 1-12 as well as have their addition and subtraction facts memorized. In addition to these basic facts, rising 4th graders should have a solid understanding of multiplication by one digit and division by one digit. Rising 5th graders should have a solid understanding of multiplication by 3 digits and division by 2 digits.

How do I determine which track is right for my student?

Track 1 is for students who are on grade level with their math skills. Students who are below grade level may consider track 3. Students who are above grade level may consider Track 2 or Track 3. Students cannot move from Track 1 to track 2 until 6th grade. Neither Abeka or BJU has a placement test for math, however, you should be able to determine the correct math track based on your previous math curriculum and the Scope and Sequence for each curriculum. You may view a sample video for each of the BJU math classes on the bjupress.com website as well as a "look inside" feature for many of the textbooks. Abeka has a downloadable and interactive scope and sequence for their program on abeka.com. Adjustments can be made for students who are incorrectly placed.

How does math at Arrows work with students transferring into another school?

While Track 1 is rigorous and complete, students who plan to transfer schools may choose to follow Track 2 in order to complete Algebra 1 in 8th grade. We only recommend this option for students who have a strong mastery of math facts, arithmetic, and problem-solving skills. We do not recommend Track 2 if it is the first year your child is taking math at Arrows unless they have successfully completed Abeka 3 or BJU 3 in the 2nd grade. There are multiple ways to reach your math goals, and we will work with you to provide the best possible math experience for your student.

Is there an option for students who are using a different math curriculum or may be above or below grade level in math?

Yes, Math Study Hall (Track 3) is for students who are using other curriculum in lieu of math class at Arrows. Families must provide daily work (enough for both Tuesday and Wednesday) each week for the students to complete independently during study hall. While we allow for this option in grades 3-12, we do not encourage it for grades 3-5 as direct instruction and student participation is a better use of a student's time and parents' resources.