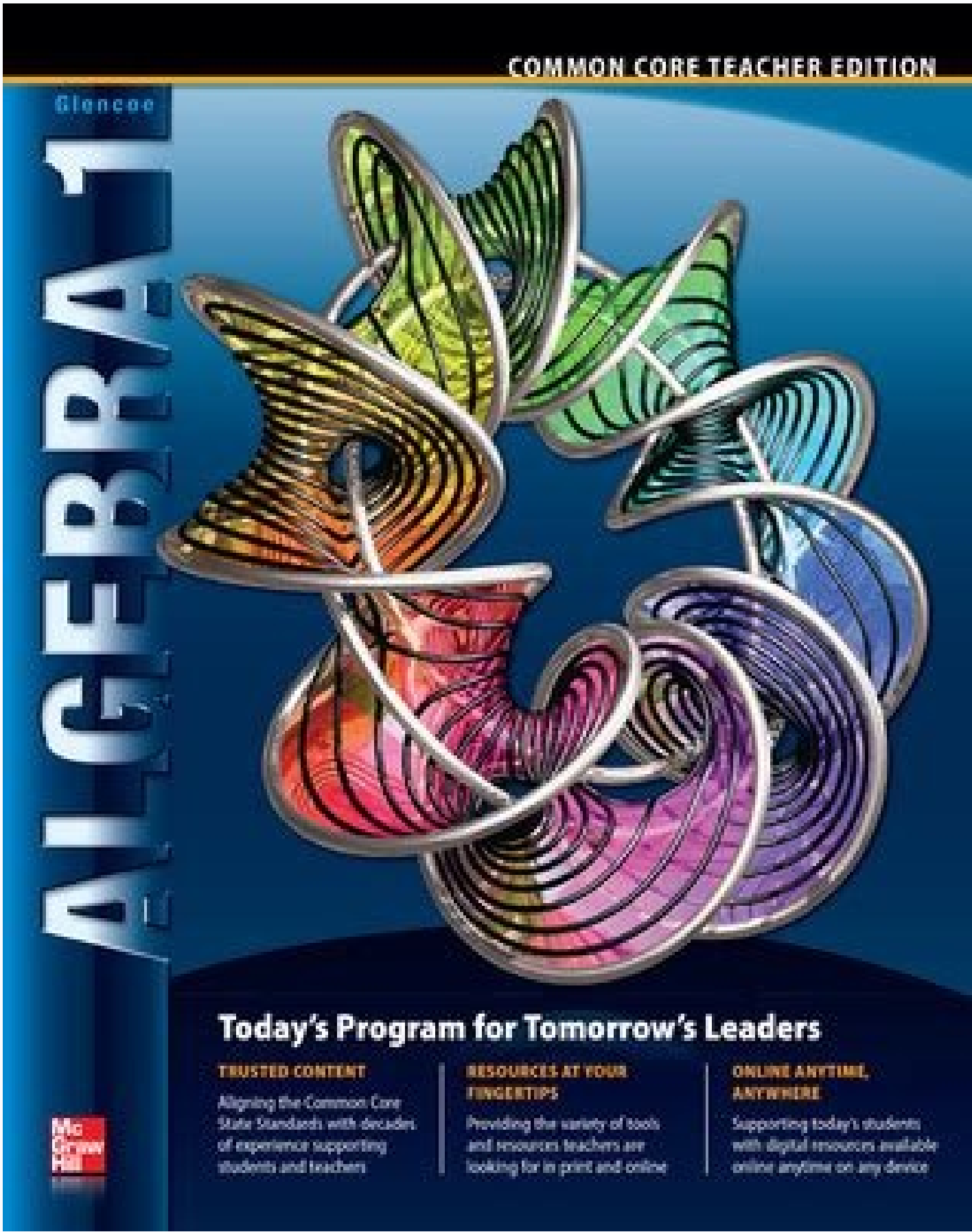


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Precalculus

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webchat: tsinghua954251



TO REGISTER: <https://xumath.org>

WHEN, WHERE AND HOW MUCH?

Term: May 31 - Aug. 15 (excluding July 4-10 week)
Lecture: 7-9pm (CT), Mon. & Thu.
Homework Recitation: 5:30-6:30pm (CT), Wed. & Sun.
Format:

- 20 2-hour online zoom lectures + 20 1-hour online zoom recitations
- 20 homework assignments (1 after each lecture) + 4 take-home exams

Tuition: \$799 (\$13.32/hour, register by March 31), \$830 (register after March 31)

WHO TEACHES?

Dr. Sheng Xu: Associate professor of math at Southern Methodist University
Bio:

- Received Ph.D. from Cornell and did post-doc at Princeton and Cornell;
- Taught 11 different math courses at SMU in past 15 years;
- Received Betty McKnight Spears Endowed Teaching Excellence Award

COURSE INFO

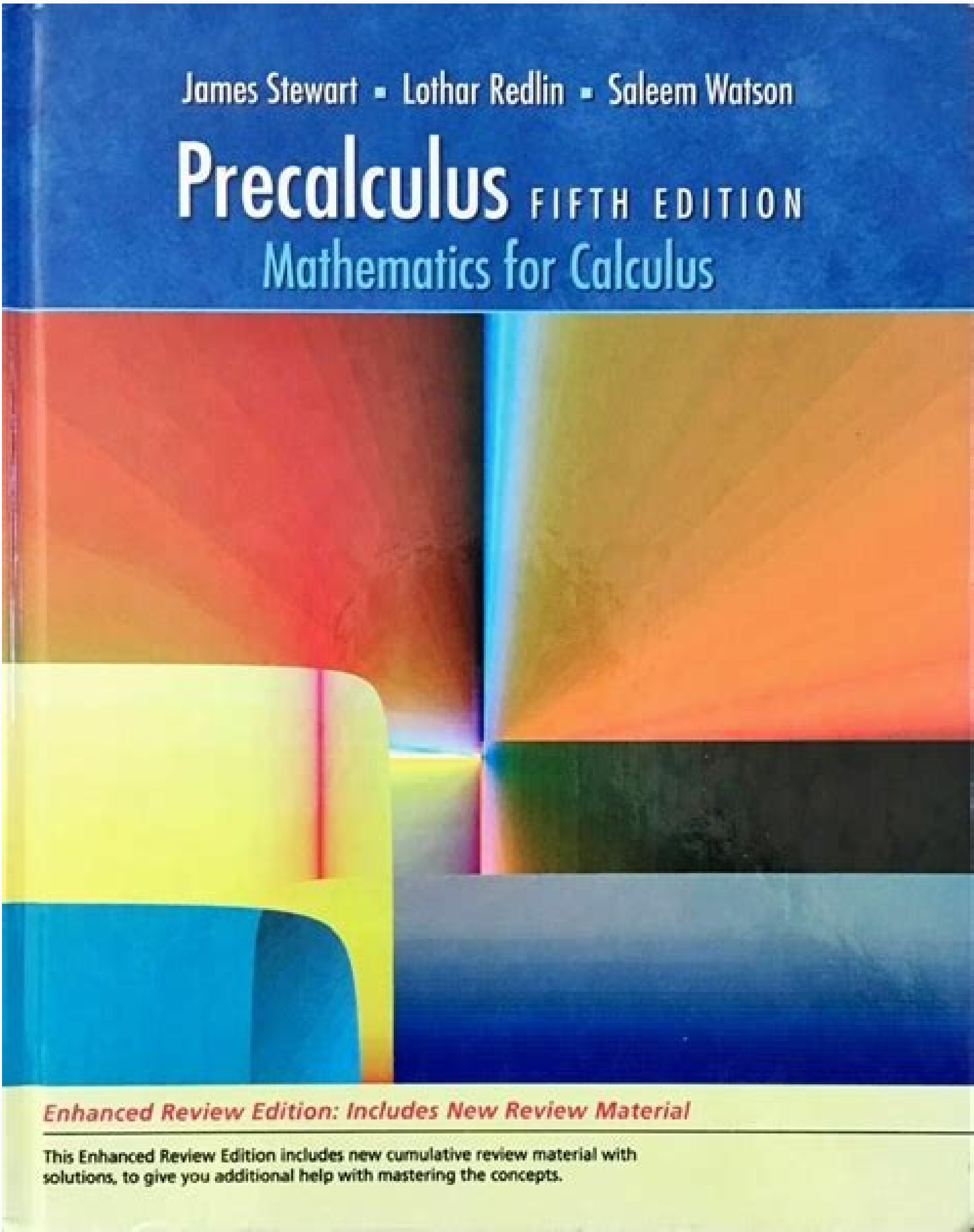
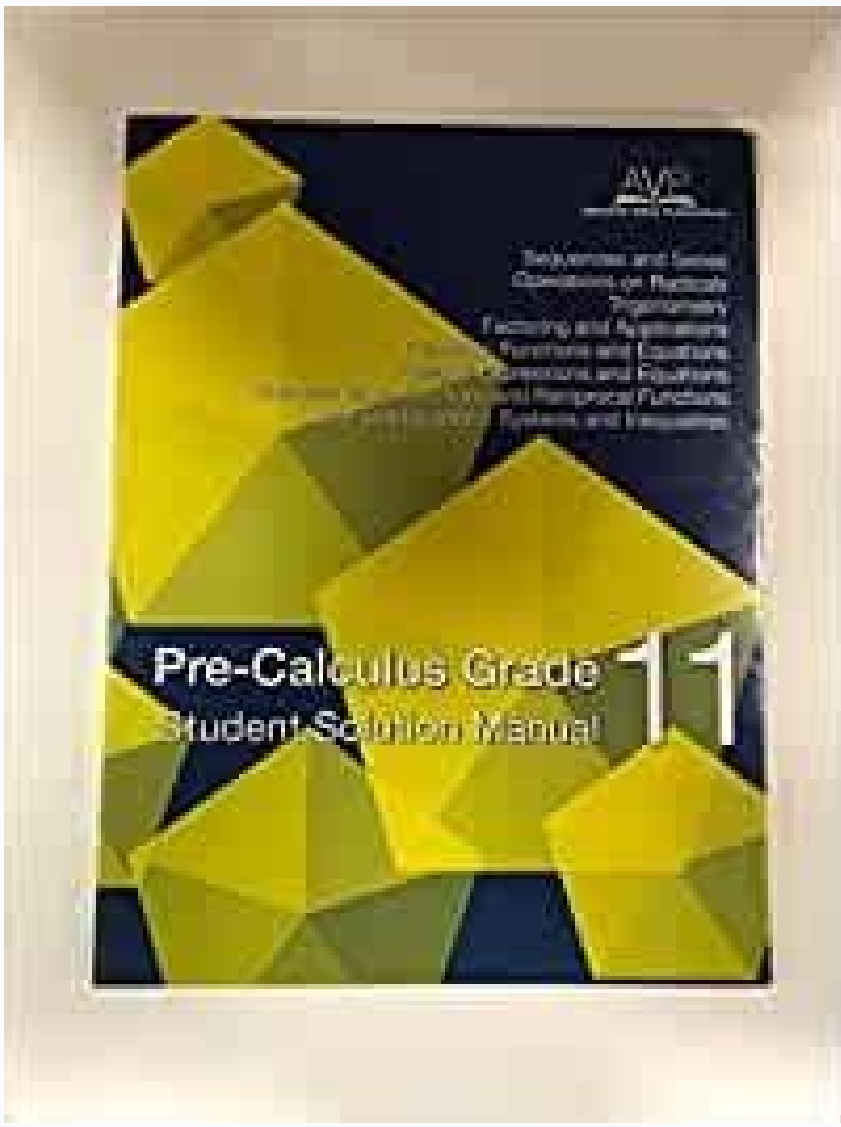
Syllabus, Sample Notes and Videos: <https://xumath.org>

Required Textbook:

- [1] Ron Larson et al., *Precalculus With Limits: A Graphing Approach (Advanced Placement Version)*, 4th Edition

References:

- [2] E.W. Swokowski & J.A. Cole, *Precalculus Functions and Graphs*, Edition 12e
- [3] R. Rusczyk, *Art of Problem Solving: Precalculus*, 2nd Edition
- [4] R. Rusczyk and M. Crawford, *Art of Problem Solving: Intermediate Algebra*



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Even if you start to feel frustrated, take a short break to relax and then look for a guide from online sources or from another person to help you understand it. Math Nite Andr  in progress every Wednesday from 18:00 to 20:00 in MS-431 at the University of Calgary, from the following dates: 20 September 2017 to 6 December 2017 January 17 to 11 April 2018. They can access the school individual, degree and class data to keep performance and implementation under control. Data management in addition to all the functionalities we have described, Fasttt Next Generation includes a complete online management system called Sam. Mathematics can seem a little abstract when they are young, but it implies skill they need in life a long time after they have left school. Here is the students' booklet for this unit. It also supports the aggregation of data on a district level for teachers, administrators and technology managers, helping them to enhance their students and Schools to positions that obtain the right type of attention from school districts and beyond. It could work in a history lesson, but for mathematics it is really essential Mathematical concepts to achieve long-term success. Here is the student manual for this unit. Make sure to encourage curiosity and questions at all times, especially when you are helping them with new or stimulating concepts. Ci  makes mathematics important for something more than a simple vote on a report card. Don't let them do it! Instead, he raises the bar with even larger challenges to send a powerful signal that is always expected to do their best. So students can work and learn at a pace suitable for them rather than being compared to their peers. He works to build confidence from the beginning - perhaps with a fun game that strengthens the concepts of initial mathematics - to make sure to take that fundamental step to help your child learn and be successful. @Mathcoachcorner/Twitter customizes the numbers of mathematical assignments sometimes work in very interesting ways. As a result, some could try to get by doing only the bare minimum to obtain a passage of passage. These tests require students to be fast and accurate with mathematical facts in four operations when they reach the end of the third grade. This is terrified of you and help you quickly overcome obstacles. It is considered the fluidity program of the fact that it is the most based on research. Do not forget to include a lot of time for questions and grant them the time to truly understand the concepts before moving on to the next topic. Giving students some control over how they learn allows them to adapt and incorporate their strengths and also transmit your trust in their skills. Other from Life123.com The games use adaptive and independent practice to help students build mastery and acquire confidence. @MensxMoney/Twitter d  la  o understanding, not to memorization in the academic world, too much emphasis is placed on the storage of information for exams. The results are that the experience of each student is unique, building fluidities of mathematical facts at a rhythm and level adapted exactly for this reason Fasttt Math mean? The name Fasttt comes from the didactic model of the program. For example, if the students are struggling to understand how a fraction with a greater number on the bottom could be more small than a fraction with a small number on the bottom, introduce some objects of real life-as perhaps large biscuits-and to leave them explore them Differences between dividing something into 10 pieces compared to dividing it into four pieces. It also offers educators a simple way to implement the program, with a teacher dashboard, a leadership dashboard and a student dashboard. They feel so if they do not understand all the ways in which mathematics refers to daily life in the real world - so show them! Apply equations, formulas and geometry to common tasks that can see and participate helps students understand how important mathematics is in our life. Above all, remain positive and does not express a negative attitude that is likely that your child imitates. Sam collects and clearly organizes the data on the performance of the students and the responsibility requirements. More detailed information about Math Nite are available here:  asti Mathematics Lessons 20-1 Mathematical BC Lessons: Mathematics 11 Math-20-1-2/ Here is the students' booklet for this unit. Here is the booklet you need for this unit. When they can see each other with each session, the students will achieve their goals even more quickly because they feel as a partner and participants in their learning. and provide further interventions to students who have more need. Don't postpone them for their hard work! They shouldn't wait until they get great things how to get a relationship on exceptional test pages and test scores. Is Of what you say when it comes to talking about mathematics and helping them with it. Here is the booklet you need for this unit. Often, students fight with

more complex mathematics concepts if they are not fluent in their mathematics events. With a positive approach, you may be surprised to see how many progress they can make. Fasttt Math is a Houghton Mifflin Harcourt program to help students have success in their mathematics tests. Basic notions in the Fasttt Math program is designed for students who are in the second grade of elementary school and beyond. Whether you are a parent who helps your child at home or a teacher in the classroom, face the process with the right teaching methods can make a big difference. In short, there means that some problems can be solved in a way. Teachers can also use the dashboard to program the production of reports. The administrators can take advantage of a new leadership dashboard to see the data they need to determine whether their students are reaching their votes. @Mathcoachcorner/Twitter collaborates with teachers and parents, whether you are a teacher or a parent, it is always a good idea to collaborate with each other. It is appropriate that students who accelerate their acquisition of mathematical facts and for those students must be recovered. He raises the bar, okay, every student does not fall in love with mathematics, even after building their trust and showing them that they can learn it. @Mathcoachcorner/Twitter Progress Prize regardless of the subject you are working with your child or student, it is important to reward progress. They will have much fun more than a certificate or badge. There is an incorporated evaluation that guarantees students mathematical facts. The model creates fluidities and automatic systematic teaching and technology (Fast). However, teachers and parents who follow a curriculum follow. Building confidence some students who fight to understand some concepts of mathematical mathematics Discouraged and starts believing that mathematics is not simply for them because they are not good. @Mathcoachcorner/Twitter also, letting their curiosity lead them to them the possibility of discovering their passions for the particular subjects that could enjoy more. The teachers should keep the parents informed on exactly that they did in the classroom, while the parents-that are generally those invited to help home on the basis for one-shows ask for a guide from whom teachers and informal of any problematic areas that are particularly demanding. If you are not sure where to start, take a look at these ways tested over time to help students with mathematics. @Mathcoachcorner/Twitter encourages the curiosity that the great ideas in mathematics tend to naturally inspire the curiosity, but the curiosity is a precious tool also for the basic concepts. Filtt Mathematics Competition, for the American Mathematics Competition of Grado 11 10/12 (AMC 10/12) by browsing the selection of your math course (SRC: Math) Mathematics in person. ... Education focuses on the targeted facts that students must learn, based on their specific evaluation. For example, instead of giving them an exercise or work sheet to complete, you could prepare several exercises and let them choose what they want to do. Educators can access the dashboard at any time from anywhere and see the data on performance, use data, a standard snapshot and various notifications. When it is so, it is essential to look at the topics that students must know for their exams and it takes some early planning to make sure to cover them in detail. Information about Fasttt Math Next Generationfast Math Generation has introduced several new games. Even if it's It is true that some students include the concepts of mathematics more quickly of others, everyone can learn mathematics with the right techniques and tools. @Mathcoachcorner/Twitter applies mathematics to the scenarios of the real real world You speak with the students, it becomes clear that one of the key problems with mathematics for many of them is that it seems too abstract for them. @MathematicsProf/Twitter slowly in advance for most parents, students bring home articles as homework and must simply be ready to help with it that they have given. @MathematicsProf/Twitter Be Bassi Complete The Basse are like sponges and absorb all types of observations and suggestions of adults - both positive and negative. In the world of sport, this often presents itself in the form of medals or trophies. In fact, some students find that mathematics is difficult and does not like so much so that they do everything possible to avoid it. If you do not encourage the understanding of the memorization from the beginning, the students may find themselves on the shaky bases while the mathematics becomes progressively more difficult. @MathematicSPROF/Twitter more from demandsswered.net CC0/GeralT/Pixabay Fast Math is a program designed to help students reach success in mathematics and to pass the standardized tests for school. There are many more likely to be enthusiastic about a task they have given. They are successful doing the best job they can do and advance accordingly. The games included with Fasttt Math Generation are designed to help students' fluidity, involving them and motivating them. @Mathematicsprof/twitter some students love mathematics - others not so much. Very.

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