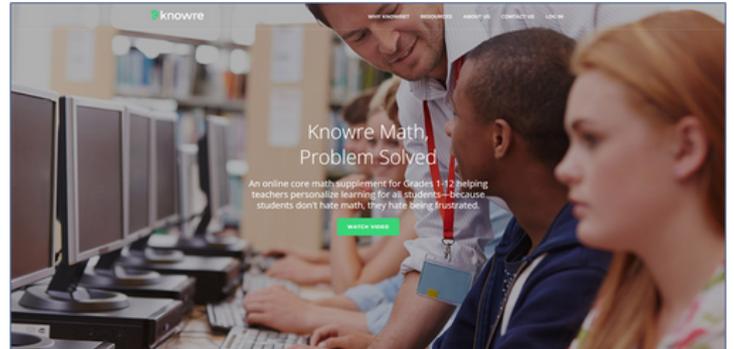




KNOWRE

<https://www.knowre.com/>



 **CATEGORY:** Action

 **GRADE AND SUBJECT:** Math for grades 1 to 12 (ages 6 to 18).

 **SHORT DESCRIPTION:** Knowre is an online mathematical tool for teachers and students who want to learn mathematics quickly and easily.

READING TIME: 3 minutes
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 **LEARNING GOALS:** Knowre offers comprehensive content, a detailed teacher dashboard that tracks progress and allows teachers to create math. As students complete lessons and solve problems, the programme builds a unique learning profile for each individual, identifying their strengths and weaknesses. Teachers can use the dashboard to monitor student progress and assign revisions to students who need them most. This customisation could be beneficial for differentiated teaching, reducing a challenge teachers often face: moments in the lesson when several students have different questions simultaneously. In addition, this is an excellent tool for supporting teachers' existing classes.

 **MOMENTS OF NEED OF THE TOOL:** Plan & act upon what they have learned.

 **LEVEL OF DIFFICULTY (RATING) AND AGE LEVEL:** Easy, Grades 1-12 (ages 6 to 18).

 **WHY USE THIS TOOL:** Knowre offers in-depth mathematics lessons that are easy to find by topic, and each class has extensive support resources. The Knowre offers high quality lesson videos which are short enough to keep students' attention. They break down mathematical concepts into small components to help understanding of the entire process and are ideal for repetition, review or introduction of a topic. The practical exercises are adapted to the lesson material and offer more than 900 'just-in-time learning' videos specific to the particular passage for which the student needs help, as well as providing an explanation when the correct answer has been entered. For more complex problems, a 'guide' option is available to help students see the steps in the process. Students are rewarded each time they obtain a correct answer during the practice problems and receive reinforcement when they do not get the correct answer.

 **TOOL DESCRIPTION:** Knowre requires a real user login so that the platform can differentiate content for students and teachers. Knowre allows students to select a chapter from the giant map or the left-hand column to practise or test the skills they have learned. Teachers can start any course by clicking on its location on the map or the 'start' button next to the chapter. Educators can check the chapter's completion status, preparation and learning growth for each chapter by keeping stars. After completing a chapter, educators can take tests to check students' knowledge and ability to complete a given question/test in a given amount of time.

 **PREPARATION AND HOW TO USE THE TOOL:** Teachers have access to a dashboard where they can create lesson plans and activities, to know more how to use it, visit: <https://www.knowre.com/>.

 **RESOURCES NEEDED:** Computer/Notebook

 **ADDITIONAL REFERENCES:**

- Knowre, *Knowre: Adaptive Math Program Overview*
<https://www.youtube.com/watch?v=7l3eBNTpous>

 **PROS AND CONS OF USING THE TOOL:**

PROS The site's adaptive learning programme adapts to the children's ability levels.

CONS The prizes offered could be more child-friendly and fun.

 **TEACHERS' RECOMMENDATION RATE (SCORE):** 4/5