

Socratic



knowledge-based systems
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INTRODUCTION

Take a PHOTO of your homework question or math equation and get explanations, videos, and step-by-step help INSTANTLY.
Supports Math, Science, History, English, Economics, and more.
Completely free, NO in-app purchases. Homework done in a snap!

- Fast - Take a photo, get instant results, no waiting
- Powerful - Better than Google for homework and studying
- All subjects - Help for all your classes, including IB and AP
- Customized - Teaches you exactly what you need, like a tutor would
- Free! - Free to use and always will be .

what is Socratic Application :

Is an application that helps you solve mathematical questions and homework questions, allowing users to take pictures of questions and mathematical equations and help in finding a solution.

-How it works :

Take a picture of a homework problem and our AI (Artificial Intelligence) instantly figures out which concepts you need to learn in order to answer it! Mixed with thoughtful and simple content, Socratic is making it easy to learn on your phone.

Socratic's AI combines cutting-edge computer vision technologies, which read homework questions from images, with machine learning classifiers built using millions of sample homework questions, to accurately predict which concepts will help you solve your question. Socratic's team of educators is creating highly-visual, jargon-free learning content to teach every important high school curriculum concept, and is curating the best online videos from sources like Khan Academy, Crash Course, and others.

Socratic's world-class math solver allows students to get step-by-step help by taking a picture of an individual equation. Mixed with color-coded sub steps and explanations, Socratic provides the best math helper available, all for free.

Together, the Socratic app represents a huge improvement in how students learn on the Internet. Whether doing homework for Biology, Algebra, US History, or Chemistry, Socratic can help you learn better and faster .

It is not for math only:

This app is not only about math, it can help you in the fields of science, history, English and economics. It is trained in millions of questions that allow it to identify any idea related to what it has learned, according to its developer.

The application also focuses on keeping content with a simple style that students easily understand, offering solutions divided into clear steps, and offering color instructions and graphs to help absorb information. Students may ask questions from other areas, such as taking photographs of the question "What is mitosis?" Or "Explain how a genetically modified plant differs from a hybrid plant" to provide the application with explanation or definition.

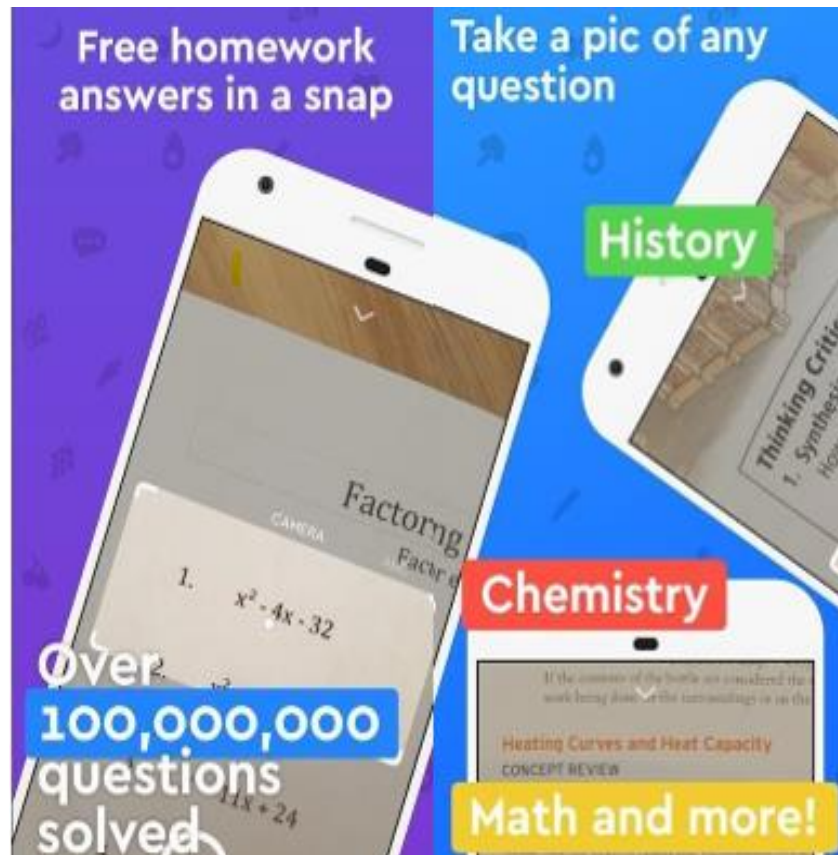
The Future Developments for the application:

The application has so far supported some 23 different subjects, including anatomy, physiology, chemistry, physics, differentiation, integration, psychology, English grammar and history.

But the development team has bigger schemes for the future. The Future Issues page on the site suggests Socratic's application can soon extend to cover everything from music theory to robotics, and people are encouraged to participate in the foundation to help in the growth and launch of these topics.

This application is available free of charge to IOS and to the Store, and is described by the manufacturer as a saviour.

The interface + features



Pros and Cons:

pros	cons
Free app	the user must be careful During capture
Available for Android & IOS	IOS May not understand all the words in the questions
Provides writing and take photos	the phone number to communicate with classmates is required, so this would bother some users
easy to use, the Students speak, type in, or snap a picture of a typed or handwritten question and instantly receive multiple resources containing explanations and answers.	Application language is English
Links to explanations and resources can really aid student understanding and provide valuable learning opportunities when teachers aren't accessible.	There's no guarantee kids are going to use this app to learn; some will just want quick answers.
Answers appear in one or more pages containing videos from YouTube and Khan Academy, information from Wikipedia, images, and more.	the questions may provide incorrect answers or results from unreliable sources, it's important to stress the application of reason and good judgment when using the tool.
It offer link for share through ,twitter, whatsApp,Facebook,Snapchat , BBM	

our experience with this Application:

It was easy to use and fast loading. It also has an easy interface for any user whether it is a science student or otherwise.

We recommend using it, it is light on the device and helps to get the information in a very short time. The best of all is to allow us as a user to share the solution across many applications.

We consider that it is not really helpful with the English learning.



Bringing A.I. to learning

We use artificial intelligence and data from millions of student questions to interpret questions



Help that's just right

Jargon-free, bite sized content designed to give students just what they need to get unstuck



Powered by people like you

Answers from our community of teachers, students, and passionate people making learning easier

To whom would you recommend this application? Why or why not?:

We recommend it to students because

Socratic is a top-ranked and rated homework help app that combines cutting-edge AI with expert-made content to put a free, instant tutor in every student's pocket. Like a tutor, the Socratic app understands where a student is stuck and provides high-quality teaching content, step-by-step solutions, Q&A, videos, and more.

The team of ten has helped over 60 million students and have their sights set on the next billion. Socratic has been featured by Apple, Google and Time, and is the 2017 winner of the CognitionX Best AI in Education Award.



REFERENCES:

- <https://app.emaze.com/mobile/%40aofziffzc?tgjs=0#/12>
- <https://youtu.be/vZ1tQZ8glXg>
- <https://en.m.wikipedia.org/wiki/Socratic.org>
- <https://www.albdel.com>
- <https://survs.com/survey/73bxzvjjoy>
- <https://play.google.com/store/apps/details?id=org.socratic.android&hl=en>