

Abstract Submitted
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Khan Academy: the world's free virtual school¹ JOSHUA A. DIJKSMAN, Duke University, SALMAN KHAN, Khan Academy — Khan Academy offers an unprecedented set of educational material for science and math education, in the form of short, free, publicly available video clips. With a growing set of already over 2000 videos, it is easily the most exhaustive collection of structured educational material on the Internet. The content is made in digestible 10-20 minute chunks; the granular nature of the material allows learners to fill in almost any of their knowledge “gaps.” Importantly, the conversational style used in the videos offers a fresh, new perspective on math and science instruction. With our 2 M\$ funding grant from Google and support from the Gates foundation, we envision covering all topics that would appear in typical high-school or collegiate-level Math and Science courses, and translating these videos to the major languages across the globe. Moreover, we also offer a free and fully integrated assessment system, which allows students to practice problems at their own pace and focus on the appropriate instruction to fill in their individual gaps. Many testimonials have already proven our methods to be a highly successful educational tool. Our goal is to allow educators to improve their teaching, but above all to bring simple, rewarding and enjoyable education to the minds of many young students.

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