

# Digital Learning Platform Helps Teachers Find Educational Videos with AI Search

## JogNog adds new feature to access educational videos for teachers

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After working with researchers from the Massachusetts Institute of Technology G7 Research added a video search engine to its premier product JogNog. With the new feature, teachers can now easily find videos that match their state standards and their lesson plans. JogNog combines each video with a review quiz that helps the students remember what they just learned.

Teachers liked the easy way to find quality videos and the integration with review quizzes:

*"With JogNog we watched a video, then played the team play for the quiz. I easily found videos at the level I wanted."*

- 8th Grade Science Teacher, Longmeadow, MA

*"I liked it, because I can target particular videos and supplement what I am teaching."*

- Middle School Teacher, Carlisle, MA

The usage of textbooks in the United States has been declining over the past decade. It has been hypothesized (hoped) that online content such as Open Educational Resources (OER) can be used to fill the void. However textbooks also provide valuable structure and curriculum pathways that help to organize the learning content that OER does not. G7 Research, the makers of the JogNog learning solution partnered with researchers from the Massachusetts Institute of Technology to answer four important questions: 1. Are teachers using textbooks? 2. Do teachers use OER online videos in class? 3. Do teachers know and use the state standards? 4. Can educational technology help?

The results were surprising. 85% of teachers reported showing more than one video in class each week, and 100% of teachers were aware of and using their state standards to guide their teaching.

The research program was conducted in January of 2018, with MIT undergraduates interviewing teachers to

understand how they were using the state standards and if the state standards were helping them to replace textbooks with video and other online resources.

Of 80 teachers interviewed, all were aware of and mapped their lesson plans to the state standards. For many of them the standards were providing the curriculum direction that was normally the task of the textbook. They were procuring the instructional content from many free and paid online resources and educational technology solutions.

However, teachers were finding that even though there are high quality resources on the internet, they were hard to find and hard to organize. Teachers were spending from 20 to 40 minutes each time they wanted to find a short educational video to play in class.

Stephen Smith, CEO of G7 Research noted: "Teachers have asked for easier ways to find high-quality educational videos and we've provided that with JogNog. We've use AI in a recommendation engine to automate the task of finding good videos. This should save teachers hours of time each week that they can now use for special projects or other instruction."

### About JogNog

JogNog is an easy way for teachers to review the standards and topics that their students need to know for their state assessments. When used regularly, JogNog has been shown to have significant positive impact on state test scores. JogNog is available on the web for Google Classroom and Microsoft Office 365 and Microsoft Teams users. For more information about JogNog, visit [www.JogNog.com](http://www.JogNog.com).

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