

## Nationalencyklopedin(NE) in partnership with Sana Labs, harnesses world-leading AI technology to build smarter teaching materials

**NE, Nationalencyklopedin AB develops new digital teaching materials with AI from Swedish Sana Labs. Smart mathematics teaching materials will be launched before the Autumn term: tools which personalize education based on students' strengths and weaknesses, analyze their learning, and customize the content in real time. With Sana Labs, NE is enabling every student to reach further.**

STOCKHOLM May 21 2018 - With NE's digital mathematics teaching materials, teachers gain a revolutionary new tool which is as intuitive to use as it is innovatively designed. This personalized pedagogy follows the curriculum's purpose, core content and knowledge requirements, accelerating student skills training through individually designed exercises. These new teaching tools are driven by artificial intelligence, simultaneously helping each student develop at their own pace and offering the teacher a richer overview of the class, gaining more time for focussed teaching.

*"Teachers will prepare students for the future and they deserve the best tools. Therefore, we created digital teaching materials that are easy to use and that grow with the challenge. With NE's new mathematics materials, we now take the next big step where we combine proven knowledge and education with new smart technology for a student-oriented experience and a better result",* says Hubert Kjellberg, CEO of NE.

Artificial intelligence gives teachers the tools to offer adaptive teaching, tailored to each child's knowledge and ability. Traditional teaching materials, centred on a group of children expected to learn at the same pace, are inefficient and outdated. When content becomes too difficult for the weaker students or too simple for those who have mastered the topic, the class loses motivation. NE's mathematics teaching material, harnessing technology developed by Sana Labs, keeps up with students as they learn, engaging and motivating them before they have the chance to tire.

*"Our team of scientists and engineers has developed a world-leading AI technology that is now available to Swedish schools, teachers and students through NE's teaching materials. The technology analyzes a variety of data points in real time and then recommends content based on the student's knowledge level, their unique learning pattern and what has worked best for similar students",* says Joel Hellermark, founder and CEO at Sana Labs.

NE reach out to 1,1 million K-12 students in Sweden and in the Autumn term of 2018, they will offer the mathematics with AI support and training for grades 4-6, 7-9 and high school.

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### **About NE Nationalencyklopedin AB**

NE is a leading digital education company with operations in Sweden, Germany, Austria and Switzerland. NE develops and offers knowledge services with high standards of reliability, accessibility and user experience. Among its customers are the majority of Sweden's schools and universities as well as libraries, both small and large companies, public services, government agencies and other public operations. Visit [www.ne.se](http://www.ne.se)

### **About Sana Labs AB**

Sana Labs is a global company with HQ in Sweden, that develops artificial Intelligence for education. By applying recent breakthroughs in Machine Learning, Sana individualizes digital educational courses based on every student's unique learning patterns. Education companies around the globe subscribe to Sana Labs' fullstack ML-platform through APIs to recommend the optimal next step for each student when learning a course, - increasing engagement and learning outcomes in every given situation. Our interdisciplinary team consists of leading engineers and scientists with backgrounds ranging from Imperial College, Google, Spotify to CERN. Sana Labs handles millions of content recommendations daily for forward-thinking education companies around the world. Visit [www.sanalabs.com](http://www.sanalabs.com)

**Press Contact Sana Labs:** Anna Nordell-Westling, +46704854414, [anna@sanalabs.com](mailto:anna@sanalabs.com)