Computational Thinking: Schülerinnen und Schüler bauen 3D-Welten und programmieren selber Games

Prof. Dr. Alexander Repenning
Hasler Professor and Chair of Computer Science Education
President Obama pledges $4 billion for “Computer Science For All,” seeks to improve quality of computer science in K-12 schools
2015 Forum

NEXT GENERATION STEM Learning for All

1. Exposure
2. In-Service Teacher Professional Development
3. Pre-Service Teacher Professional Development
Exposure
expose everybody through low-threshold tools to engaging STEM activities
Exposure

In 2014 alone, 60 million students tried the Hour of Code.
nearly a quarter million participants in one week

146 Countries
The Swiss CSEdWeek
2015: N-1 Kantons
Computer Science Education Week
5-11 DEZEMBER 2016
www.csedweek.ch
the magic of programming
In-Service Teacher Professional Development
3 Pre-Service Teacher Professional Development
2017

Every new elementary school teacher will receive mandatory training in computer science education.
Thank you!