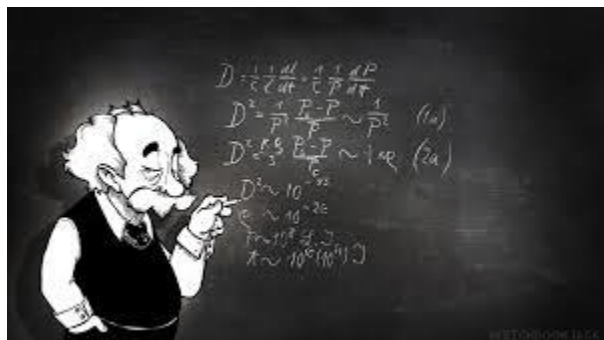
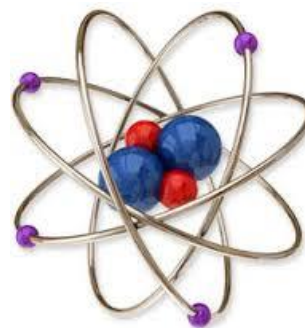


Fox Open Schooling Sarajevo (FOSS)

Doc. Dr. Aida Saračević and Prof. Dr. Semira Galijašević

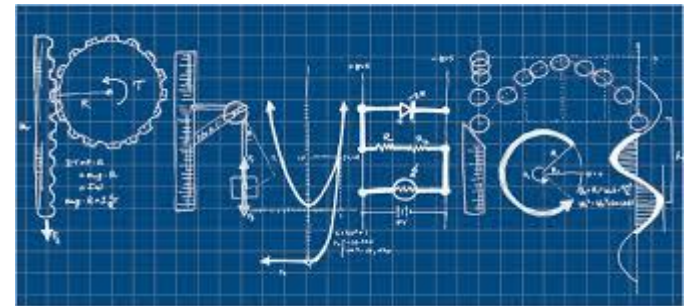
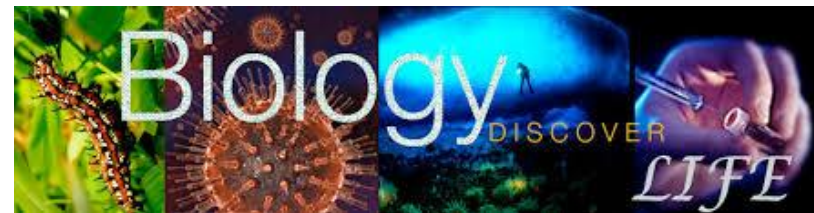


Objective

- Create an open and easily accessible schooling environment in natural sciences.
- In Sarajevo, Bosnia and Herzegovina.
- A new education model for sciences in two languages (English and Bosnian).
- Target group are children from 6 to 14 years of age and their parents.

Why do we need open schooling?

- Science education helps children develop analytical skills.
- More prone to choose natural sciences oriented careers including research and development.
- Innovation!
- Overall, societies with higher investment in science and scientific education see higher impact on environment, health, medical care, technological discoveries and advancements.



Chemistry



Global market and education

- The global market for education is \$4.4 trillion and is poised to grow significantly over the next five years according to an analysis by an international investment bank that advises companies on education technologies.
- According to IBIS capital, a London based investment bank the e-learning market is projected to grow by 23% between now and 2017 making it the fastest growing market in education.
- The IBIS Capital analysis covers several sectors of e-learning worldwide, including
- K-12 schools, higher education, and corporate and government training programs.

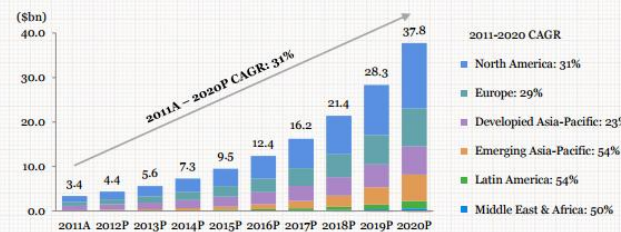
source: marketbrief.edweek.org



Significant m-Education Growth and App Downloads



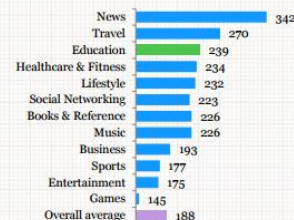
m-Education Market by Region⁽¹⁾



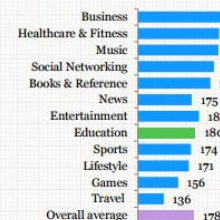
Key Points

- The investment in m-Education is estimated to have grown annually by approximately 19% for the last 3 years, according to Ambient Insight
- The Serious Gaming & Gamification sector is forecasted to grow from \$2.0bn in 2012 to \$7.4bn in 2015
- Games and simulation based tools are expected to grow at a 37% CAGR to 2020
- Education app downloads are greater than the overall average in both free and paid for downloads

Free Education App Downloads⁽²⁾
2009-2011 CAGR (%)



Paid For Education App Downloads⁽²⁾
2009-2011 CAGR (%)



Goals



How we plan to accomplish this?

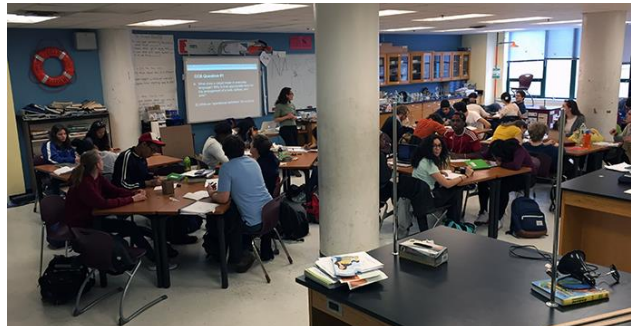
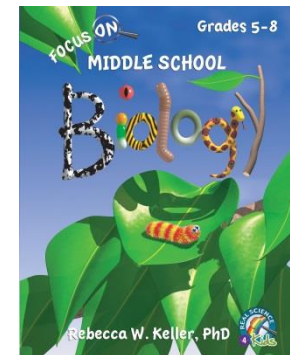
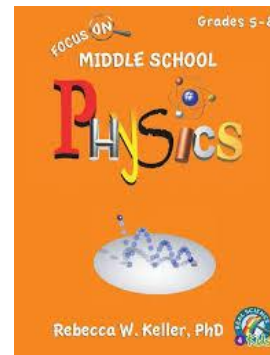
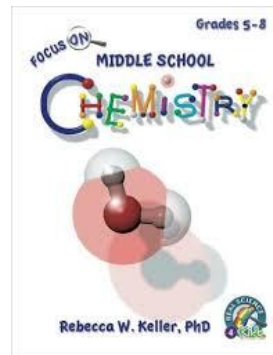
- Modern approach to learning science including e-learning materials and tools with the latest scientific information and discoveries.
- Easy access to learning sciences and their latest discoveries for non-English speaking children and parents.
- Creative workshops and camps for children during their summer and winter break time.
- Advanced scientific training for gifted children.
- Hands on learning model through interactive experiments, up to date work books, workshops, e-learning, science app.'s for learning...



Budget

Initial investment through an investor (joint venture) and/or grant € 350 000:

1. Infrastructure: lab and office plus lab equipment.
2. Consumables for lab, office, website development and publishing.
3. Development of the learning (education) model in two languages.
4. Creating and printing teaching materials (work books, practicals, textbooks...), learning apps and tools.
5. Dissemination through presentations, workshops...



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