DreaMap

Learn as you dream

DreaMap provides dream driven learning.
We believe that dream is the engine that motivates kids to learn and choose their own course of learning.
Our platform draws the learning path in which the learner navigates towards acquiring knowledge and skills till achieving the dream.

Team: DreaMap

Team members

Tali Ben Aroya, Yakir Abutbul, Liav Ben-Torah, Vered Cohen Barzilai, Arik Goldstein

Members roles and background

Tali Ben Aroya - CEO -

Arik Goldstein - Techno-Pedagogy manager

Liav Ben-Torah - Teacher

Yakir Abutbul - Education evangelist

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Solution Details

Solution description

DreaMap is a learning platform which engages students to learn towards achieving their dream, while developing 21st century skills.

The system draws learning paths in which the student can choose what and how to learn.
The contents of the learning paths are relevant to the student dream.
The relevancy is achieved by breaking the dream into a set of knowledge topics and skills.
The content is based on open educational resources from youtube, khan academy, coursera etc.
which will be labeled according to this set of knowledge and skills criteria.
The student will be able to monitor his progress, and choose the next activities till achieving the dream.
The system will present, next to each content item, data which will support this student decision.
Both the teacher and the system will mentor the student in this learning journey.

The teacher will be able to monitor the status of the entire class and understand which topics and skills should be improved

Solution context

The system will be integral part of the daily learning inside and outside school.

Solution target group

Primary group - K12 students

Secondary group - K12 teachers

Solution impact

Increase student engagement and autonomy - can be measured using learning analytics

Allow personalized learning - test using learning analytics and in system surveys

Innovative learning experience - measure using learning analytics and user feedback

Improve 21st century skills - measure using surveys and tests along the year

Solution tweet text

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Solution innovativeness

For the student

1. Connect the learning to the student dream
2. Allow student to choose
3. Develop 21st century skills

For the teacher

1. Simplify personalization
2. Empower the mentoring process

Integrating 21st century skills into existing learning materials

Exetending the existing TPACK model into TPACKS adding skills to the matrix

Solution transferability

1. Generic for all knowledge topics
2. Relevant also for professional development of teachers and additional professions

Solution sustainability

Sustainability
Short term
1. Simple website
2. Based on existing learning materials
3. Implement the labeling system (AI based) start from youtube, khan academy and coursera
4. Break 20 popular dreams into skills and knowledge topics

Mid Term
1. Extend with more content channels (hackerrank etc)
2. Break additional 80 dreams

3. Connect to the community - parents and industry leaders as mentors, internship programs

Long Term
1. Mobile Application
2. Dashboard for the teachers

Solution team work

Our team is collaborating very well and fully dedicated to further develop the idea