

STEAM SCHOOL 2020-2022 M.

2020-02-20

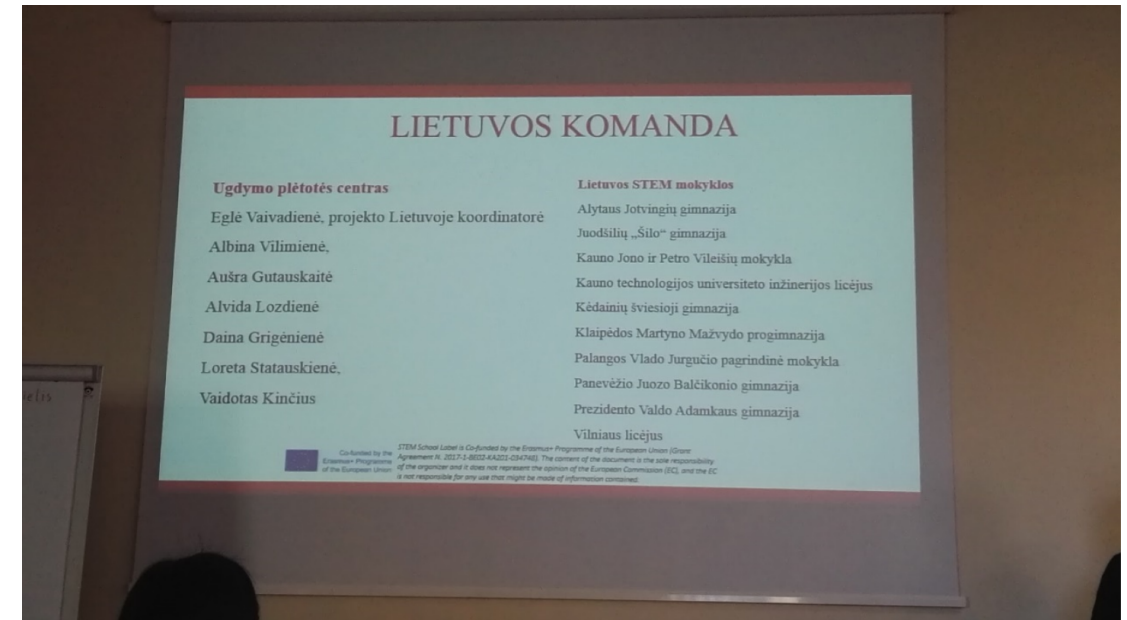


**STEAM SCHOOL= A SCHOOL
WITH CLEAR
STEAM STRATEGY**



SHORT STEAM HISTORY – 2015

- 2015 - STEAM STARTING POINT AT NATIONAL LEVEL THE NET OF STEAM SCHOOLS IN LITHUANIA
- MORE FOCUS ON INTEGRATED LESSONS
- TEACHERS QUALIFICATION DEVELOPMENT
- ACTIVITIES OUT OF SCHOOL
- FIELD PROJECT – EXPEDITION
- IT INFRASTRUCTURE



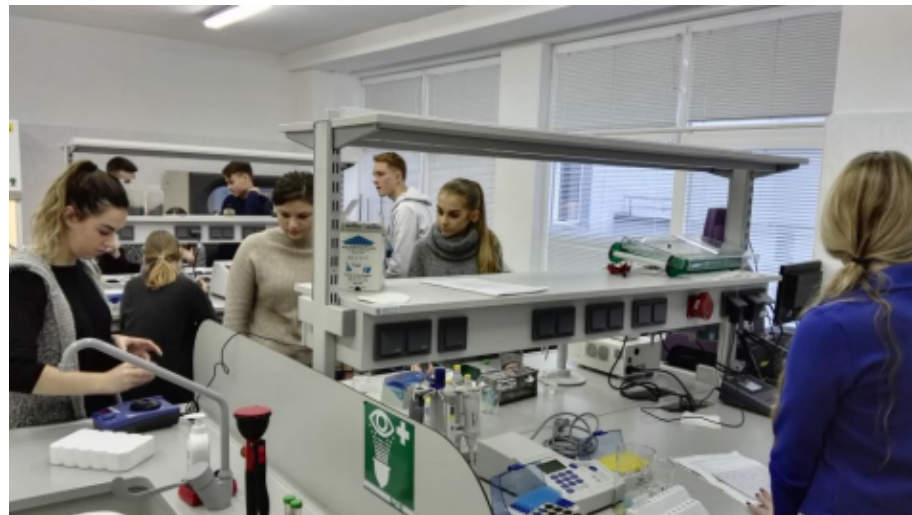
STEAM HISTORY – 2016

- COOPERATION AGREEMENT WITH
VILNIUS GEDIMINAS
TECHNOLOGY UNIVERSITY



VILNIAUS GEDIMINO
TECHNIKOS UNIVERSITETAS





VGTU GROUPS 2016-2017

- **FOCUS ON BIOLOGY AND PHYSICS:**
 - LECTURES
 - PRACTICAL WORKS
 - DAY OF VGTU AT GYMNASIUM
 - CERTIFICATION



THE START OF STRATEGIC PLANNING AND IMPLEMENTATION

STEAM EDUCATION IS A WAY TO A DIFFERENT SCHOOL

- A UNIQUE NATURAL SCIENCE PROJECT - INQUIRY BASED EXPEDITION – FORMAL AND NON-FORMAL ACTIVITIES
- FUTURE ENGINEERING
- NEW ACADEMIC PARTNERSHIPS
- STRATEGIC STEAM INFRASTRUCTURE (STEAM CLASSROOMS)
- INQUIRY BASED PROJECTS

NATURAL SCIENCE EXPEDITIONS



FORMAL INTEGRATED MODULE (BIOLOGY, GEOGRAPHY, ECONOMICS, LITHUANIAN)



HIGH ACHIEVEMENTS IN STEAM CONTESTS AND PROGRAMS





ALYTAUS
MIESTO
SAVIVALDYBĖ

STEAM HISTORY – 2016-2017-2018



FUTURE ENGINEERING



PHYSICS



BIOCHEMISTRY



TRANSPORT ENGINEERING



STEAM HISTORY – 2018



STEM SCHOOL LABEL

Lietuvos STEM mokyklų kūrybinės dirbtuvės
Ugdymo plėtotės centras
2018-04-11



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STEAM HISTORY – 2019



valid until 11/2020

**This school has been awarded with
the Competent STEM School Label**



STEAM FUTURE – 2020



valid until 11/2020

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CREATING STEAM CULTURE:

- STEAM TEAM
- LOGO, WEBSITE
- STEAM STRATEGY
- **AJG – A MEMBER OF STEAM SCHOOLS IN LITHUANIA**
- **AJG - STEM SCHOOL LABEL AMBASSADOR**
- **AJG – EU NEXT-LAB REPRESENTATIVE IN LITHUANIA**

STEAM TEACHER PROFILE DEVELOPMENT:

- STEAM SEMINARS AND EVENTS
- TEACHER QUALIFICATION DEVELOPMENT INTERNATIONALLY:
 - **K1 GEOHISTEAM (SWITZERLAND – LITHUANIA)**
 - K101 APPLICATION “PROMOTING AND INVOLVING STEAM EDUCATION IN CREATING INNOVATIVE CULTURE AT SCHOOL”



STEAM FUTURE – 2020



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2020 - A BREAKTHROUGH

" STEAM promotion and teachers/students involvement in creating STEAM innovative culture"

- A scheme of all teachers' involvement into STEAM and called it **"WHAT ACTIVITY IS STEAMISH"** in order to educate the teachers to keep to all STEM SCHOOL criteria and elements while planning and implementing activities.
- Also, we set obligatory numbers of activities that must be done during the calendar year, so the teachers are obliged to plan involvement, STEAM team will consult the groups of teachers. **THIS IS THE CRUCIAL IMPORTANCE!**
- **INTERNATIONAL SCHOOL PARTNERSHIP PROJECTS!!!!**
- **INNOVATIVE METHODS AND INFRASTRUCTURE!**
- **NEW STRATEGIC UNIVERSITY PARTNERS, BUSINESS, LOCAL COMMUNITIES !!**

