

STREAM

S.T.R.E.A.M.S.

VML IN SCHOOL

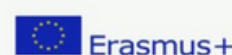
ON LINE TRAINING
10.04.2023 - 30.04.2023
POLAND, ŁĘBORK





VML VIRTUAL MULTI LEARNING W SZKOŁACH

W kwietniu 2023 roku, Lęborskie Towarzystwo Oświatowe oraz Społeczna Językowa Szkoła Podstawowa LTO przeprowadzili serię warsztatów online dla nauczycieli szkół podstawowych i ponadpodstawowych w Lęborku i okolicach. Warsztaty dotyczyły wykorzystania sztucznej inteligencji do tworzenia materiałów na zajęcia lekcyjne.



ZAPROSZENIE

Lęborskie Towarzystwo Oświatowe serdecznie zaprasza

nauczycieli języka angielskiego, biologii, przyrody, geografii oraz wszystkich zainteresowanych,
do uczestniczenia w spotkaniu on-line dotyczącym
wykorzystania sztucznej inteligencji do tworzenia materiałów na zajęcia lekcyjne.

Szkolenie jest całkowicie nieodpłatne i realizowane jest w ramach projektu Erasmus+
pod nazwą #STREAMS.

Wyjaśnimy:

czym jest #STREAMS jako nowoczesny sposób nauczania,

- jak wykorzystać sztuczną inteligencję na lekcjach,
- jak uzyskać bezpłatny dostęp do zasobów z materiałami i scenariuszami lekcji
- dotyczącymi ochrony środowiska, a w szczególności zmian klimatycznych na naszej planecie.

Spotkanie odbędzie się **17 kwietnia 2023 roku (poniedziałek) o godz.16.30**

Link do spotkania <https://meet.google.com/bda-tqua-mxs>

Każdy nauczyciel obecny na spotkaniu otrzyma **Certyfikat uczestnictwa** w szkoleniu.

Pytania o szczegóły prosimy kierować do pani Joanny Woźniakowskiej,
nr tel. 531871177



VML VIRTUAL MULTI LEARNING IN SCHOOLS

In April 2023, Lęborskie Towarzystwo Oświatowe and Społeczna Językowa Szkoła Podstawowa LTO conducted a series of online workshops for teachers of primary and secondary schools in Lębork and the surrounding area. The workshops were about the use of artificial intelligence to create materials for classroom activities.



ZAPROSZENIE

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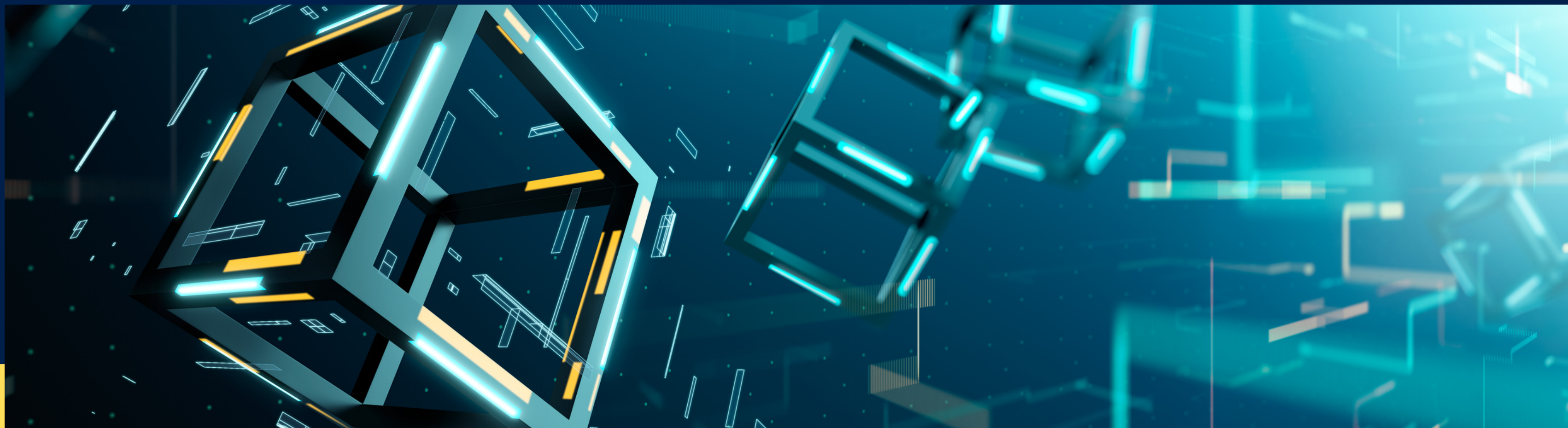
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PRESENTATION >>

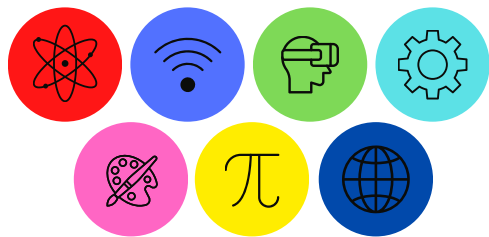




A FRAMEWORK FOR DEVELOPING AI-DRIVEN EDUCATIONAL RESOURCES FOR STREAMS



**Authentic Pathways to
Meaningful Citizenship
Resilience
&
Sustainability
in 21st-Century
Teaching and Learning**



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INTRODUCTION

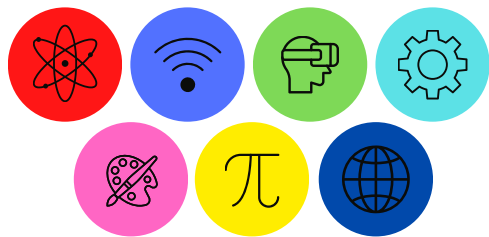
THIS DOCUMENT PROVIDES A COMPREHENSIVE FRAMEWORK FOR THE DEVELOPMENT OF INNOVATIVE EDUCATIONAL RESOURCES IN THE STREAMS DOMAIN (SCIENCE, TECHNOLOGY, READINESS, ENGINEERING, ARTS, MATHS, AND SUSTAINABILITY) BY UTILIZING A WEB PLATFORM SUPPORTED BY GPT AND AI-GENERATED VIDEOS. STREAMS IS AN INTERDISCIPLINARY APPROACH TO EDUCATION THAT FOSTERS CREATIVITY, CRITICAL THINKING, AND PROBLEM-SOLVING. OUR PRIMARY GOAL IS TO CREATE A SEAMLESS AND ENGAGING LEARNING EXPERIENCE FOR STUDENTS BY LEVERAGING CUTTING-EDGE TECHNOLOGY IN THE CONTEXT OF STREAMS. THIS FRAMEWORK WILL SERVE AS A GUIDE FOR PARTNERS TO COLLABORATE AND CONTRIBUTE TO THE CREATION OF A WEB REPOSITORY CONTAINING THESE RESOURCES.

DESCRIPTION

THE PROPOSED FRAMEWORK OUTLINES THE PROCESSES AND TOOLS REQUIRED TO DEVELOP INTERDISCIPLINARY EDUCATIONAL RESOURCES USING A WEB PLATFORM SUPPORTED BY GPT AND AI-GENERATED VIDEOS, WITH A FOCUS ON STREAMS SUBJECTS. THESE RESOURCES WILL BE CREATED BASED ON THE SUBJECT MATTER AND CURRICULUM REQUIREMENTS, OFFERING A MORE INTERACTIVE AND IMMERSIVE LEARNING EXPERIENCE FOR STUDENTS. THE FRAMEWORK'S COMPONENTS INCLUDE THE USE OF AI-DRIVEN TEXT GENERATION, VIDEO CONTENT CREATION, AND WEB-BASED STORAGE. BY INCORPORATING THE STREAMS APPROACH, THE FRAMEWORK AIMS TO FOSTER CREATIVITY, CRITICAL THINKING, AND PROBLEM-SOLVING SKILLS AMONG STUDENTS, PREPARING THEM FOR THE CHALLENGES OF THE 21ST CENTURY. ALSO, THE PROPOSED FRAMEWORK OUTLINES THE PROCESSES AND TOOLS REQUIRED TO DEVELOP EDUCATIONAL RESOURCES USING A WEB PLATFORM SUPPORTED BY GPT AND AI-GENERATED VIDEOS. THE FRAMEWORK'S COMPONENTS INCLUDE THE USE OF AI-DRIVEN TEXT GENERATION, VIDEO CONTENT CREATION, AND WEB-BASED STORAGE.



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2. CONTEXTUALIZATION

EDUCATIONAL RESOURCES TODAY NEED TO ADAPT TO THE GROWING NEEDS OF A DIVERSE STUDENT POPULATION. UTILIZING AI-DRIVEN TOOLS AND METHODOLOGIES WILL ENABLE THE CREATION OF CUSTOMIZED AND TARGETED CONTENT THAT CATERS TO DIFFERENT LEARNING STYLES AND NEEDS. THIS FRAMEWORK WILL HELP PARTNERS UNDERSTAND THE RELEVANCE AND IMPACT OF AI-DRIVEN EDUCATIONAL RESOURCES ON LEARNING OUTCOMES AND GUIDE THEM IN THE IMPLEMENTATION PROCESS.

3. PEDAGOGICAL APPROACHES

THE FRAMEWORK EMPLOYS AN INQUIRY-BASED LEARNING APPROACH THAT FOSTERS CRITICAL THINKING, PROBLEM-SOLVING AND COLLABORATION AMONG STUDENTS. THIS APPROACH ENCOURAGES LEARNERS TO ASK QUESTIONS, EXPLORE CONCEPTS, AND FIND SOLUTIONS ON THEIR OWN, WHILE AI-DRIVEN RESOURCES PROVIDE GUIDANCE, SCAFFOLDING, AND SUPPORT.

3.1 INQUIRY PROCESS

THE INQUIRY PROCESS INVOLVES POSING QUESTIONS OR PROBLEMS, RESEARCHING, AND ANALYZING INFORMATION, AND DRAWING CONCLUSIONS. AI-DRIVEN EDUCATIONAL RESOURCES FACILITATE THIS PROCESS BY PROVIDING PERSONALIZED AND CONTEXTUALLY RELEVANT INFORMATION, ALLOWING STUDENTS TO DIVE DEEPER INTO THE SUBJECT MATTER AND DEVELOP A DEEPER UNDERSTANDING OF THE CONCEPTS.

1.

4. TECHNICAL TOOLS

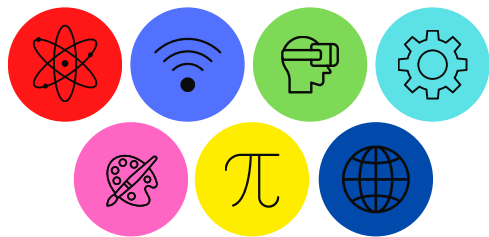
THE FRAMEWORK COMPRISES THREE PRIMARY TECHNICAL COMPONENTS:

4.1 AI SMART TEACHER

THE AI SMART TEACHER, POWERED BY GPT, GENERATES WRITTEN CONTENT BASED ON THE CURRICULUM AND SUBJECT MATTER. THIS AI-DRIVEN TOOL PERSONALIZES LEARNING MATERIALS FOR INDIVIDUAL STUDENTS AND PROVIDES REAL-TIME FEEDBACK AND SUPPORT.



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4.2 AI VIDEO GENERATOR

THE AI VIDEO GENERATOR CREATES ENGAGING VIDEO CONTENT TO COMPLEMENT THE WRITTEN MATERIALS GENERATED BY THE AI SMART TEACHER. THESE VIDEOS HELP TO EXPLAIN COMPLEX CONCEPTS IN A MORE VISUAL AND INTERACTIVE WAY, CATERING TO DIFFERENT LEARNING STYLES.

4.3 WEB REPOSITORY

THE WEB REPOSITORY SERVES AS THE CENTRAL PLATFORM FOR HOSTING AND ORGANIZING THE AI-GENERATED EDUCATIONAL RESOURCES. THIS ONLINE PLATFORM ALLOWS FOR EASY ACCESS, SHARING, AND COLLABORATION AMONG PARTNERS, EDUCATORS, AND STUDENTS.

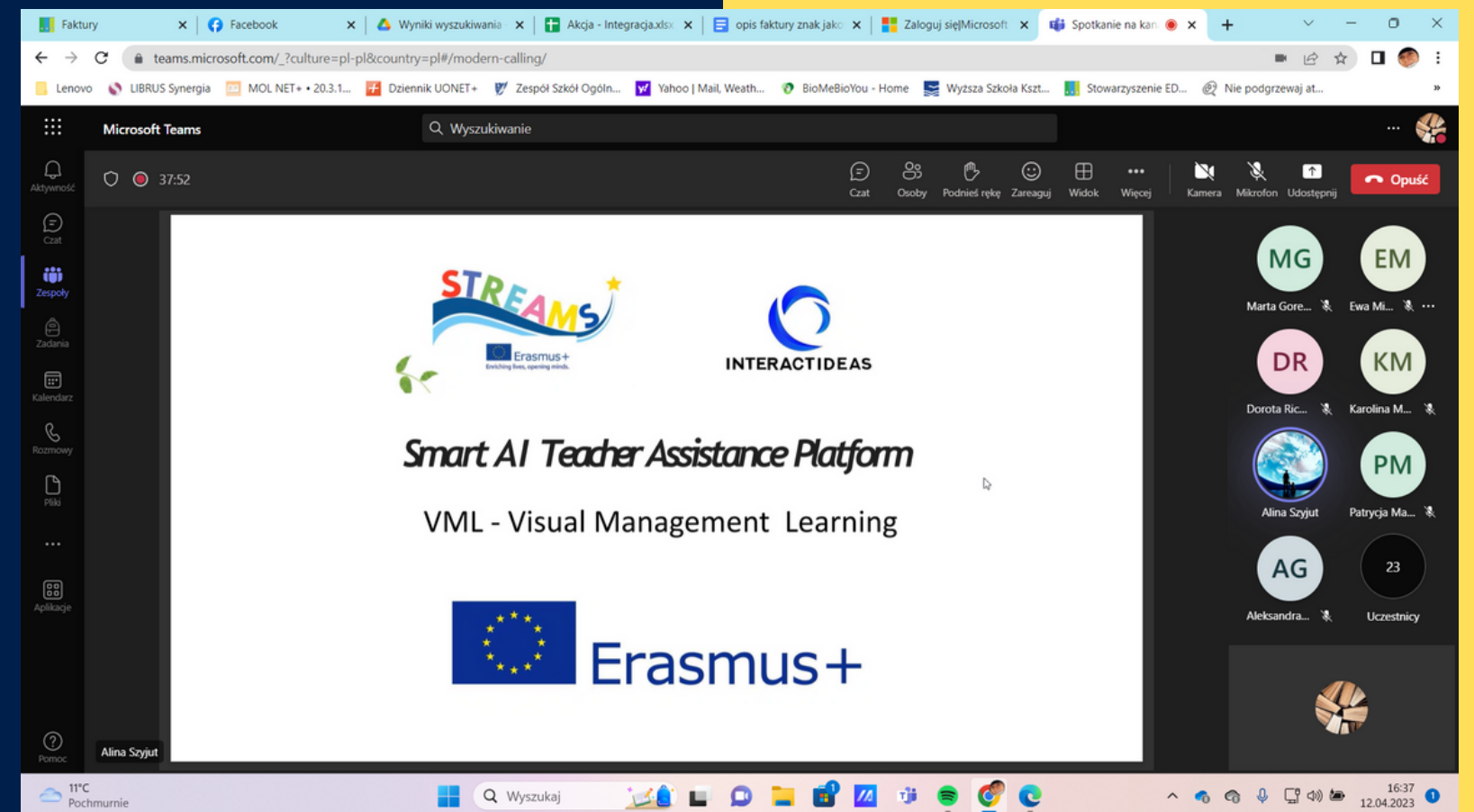
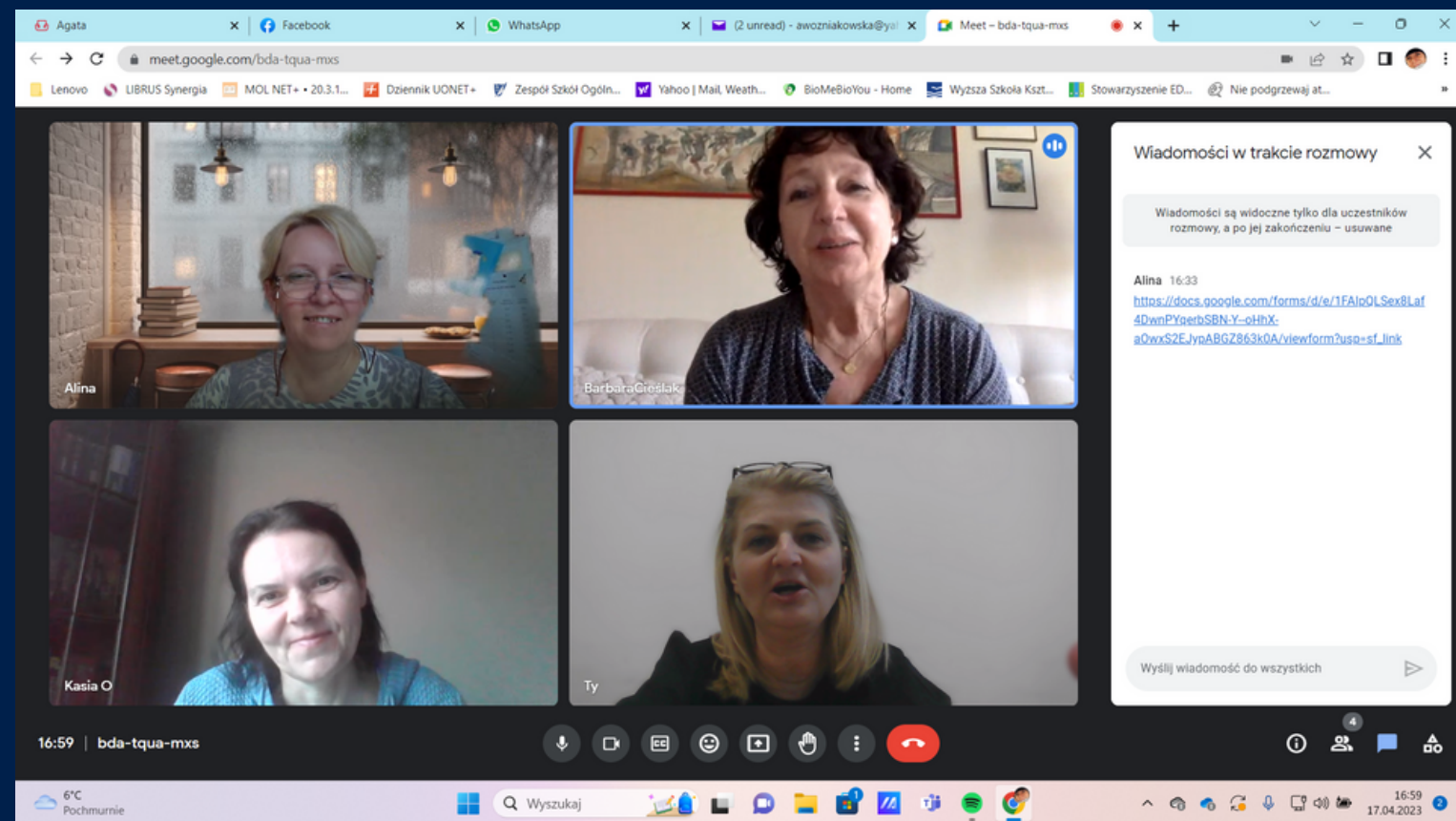
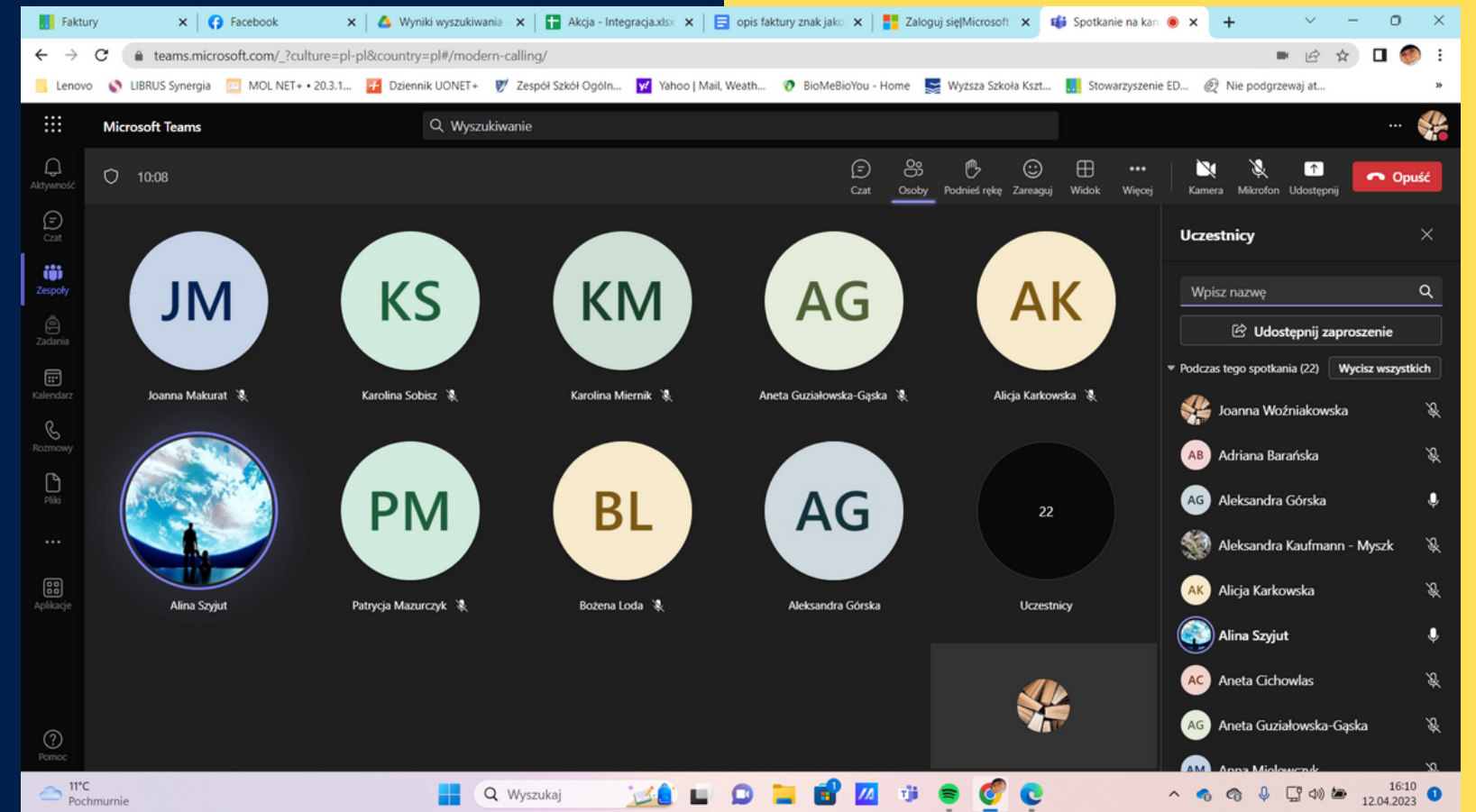
5. FRAMEWORK INTEGRATION

INTEGRATING THE COMPONENTS OF THE FRAMEWORK INVOLVES THE FOLLOWING STEPS:
 COLLABORATE WITH PARTNERS TO DETERMINE SUBJECT MATTER AND CURRICULUM REQUIREMENTS.
 UTILIZE THE AI SMART TEACHER TO GENERATE WRITTEN CONTENT BASED ON THESE REQUIREMENTS.
 CREATE COMPLEMENTARY VIDEO CONTENT USING THE AI VIDEO GENERATOR.
 UPLOAD AND ORGANIZE THE GENERATED RESOURCES ON THE WEB REPOSITORY.
 IMPLEMENT THE INQUIRY-BASED LEARNING APPROACH IN THE CLASSROOM, USING AI-DRIVEN EDUCATIONAL RESOURCES TO SUPPORT THE LEARNING PROCESS.

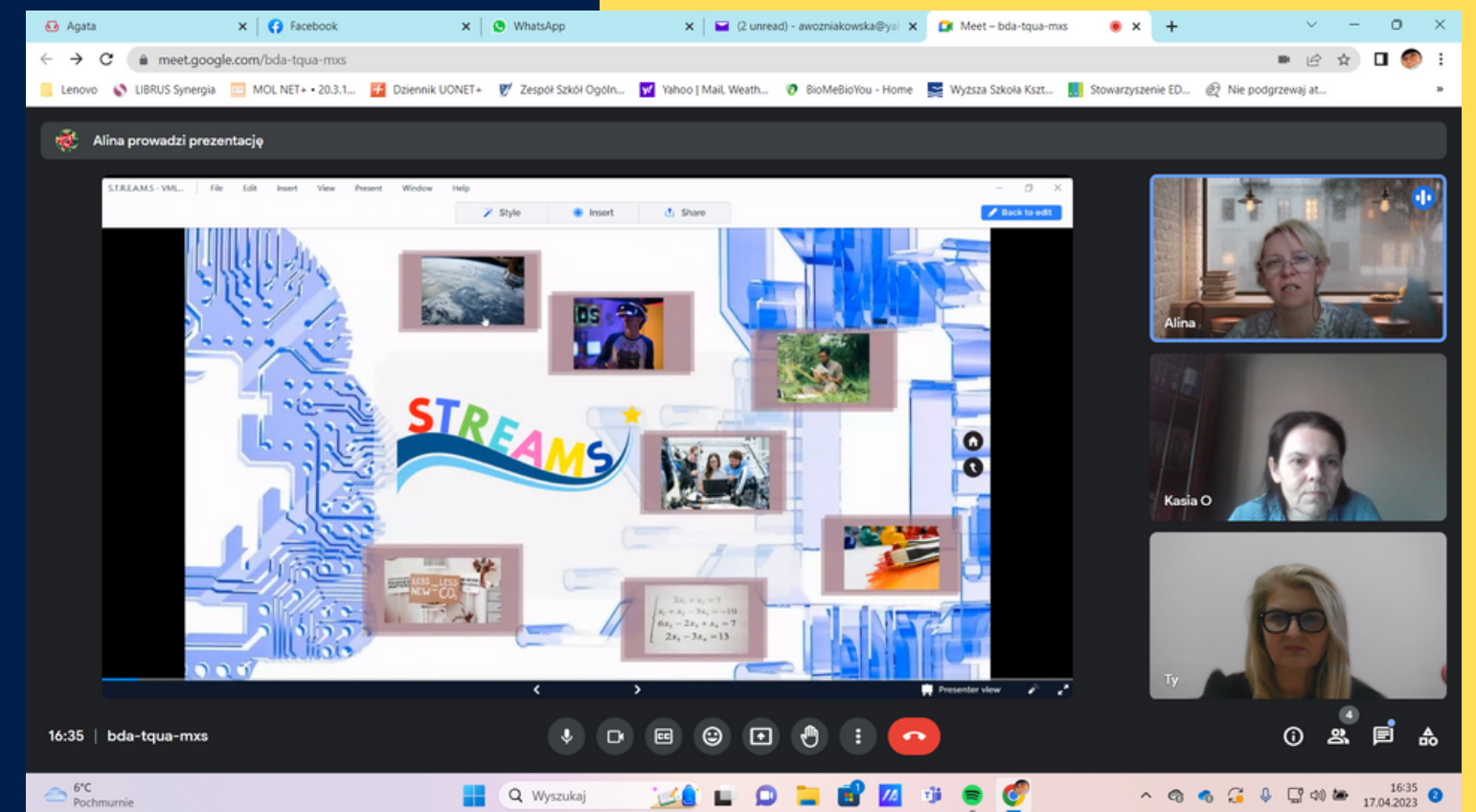
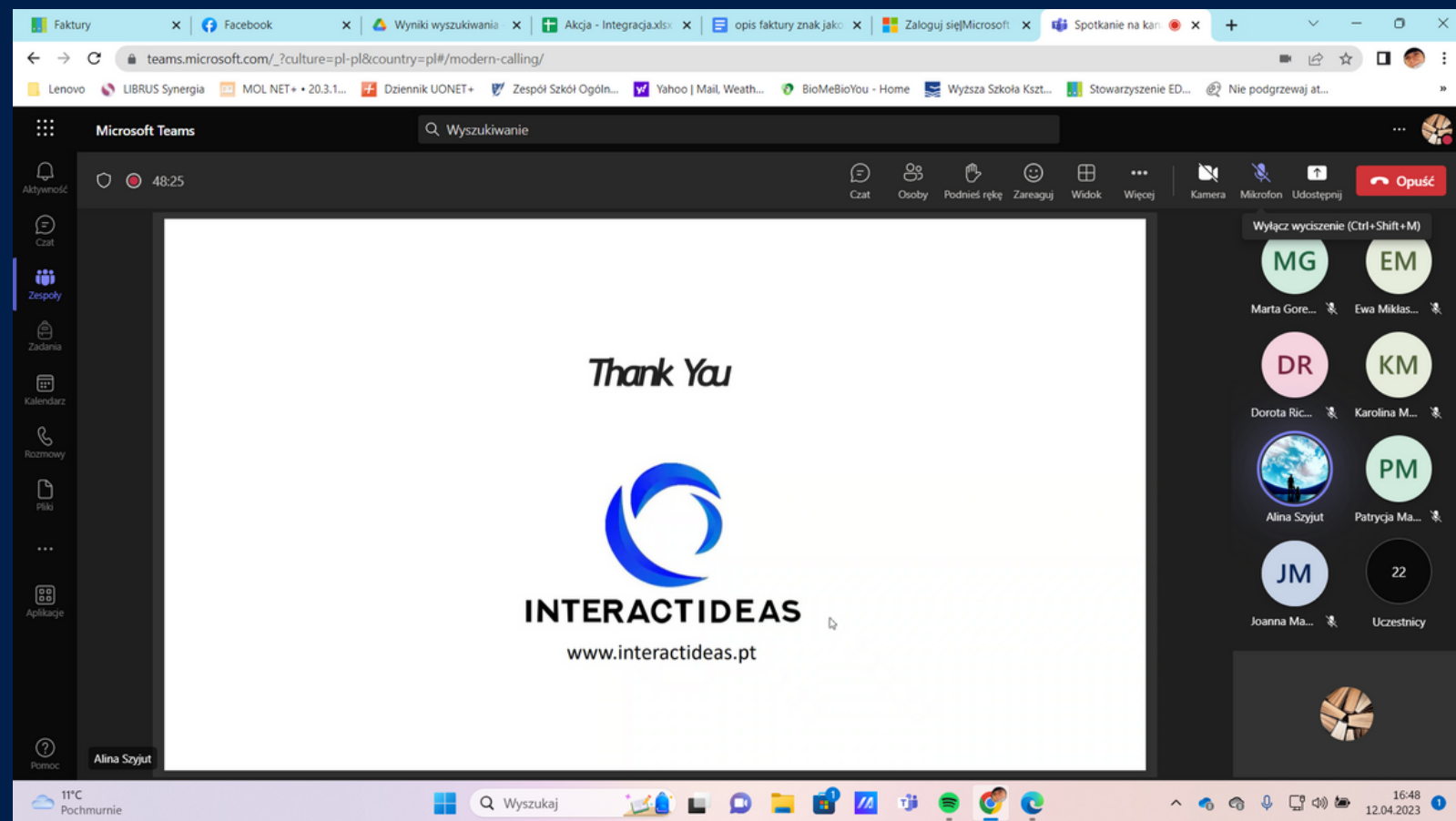
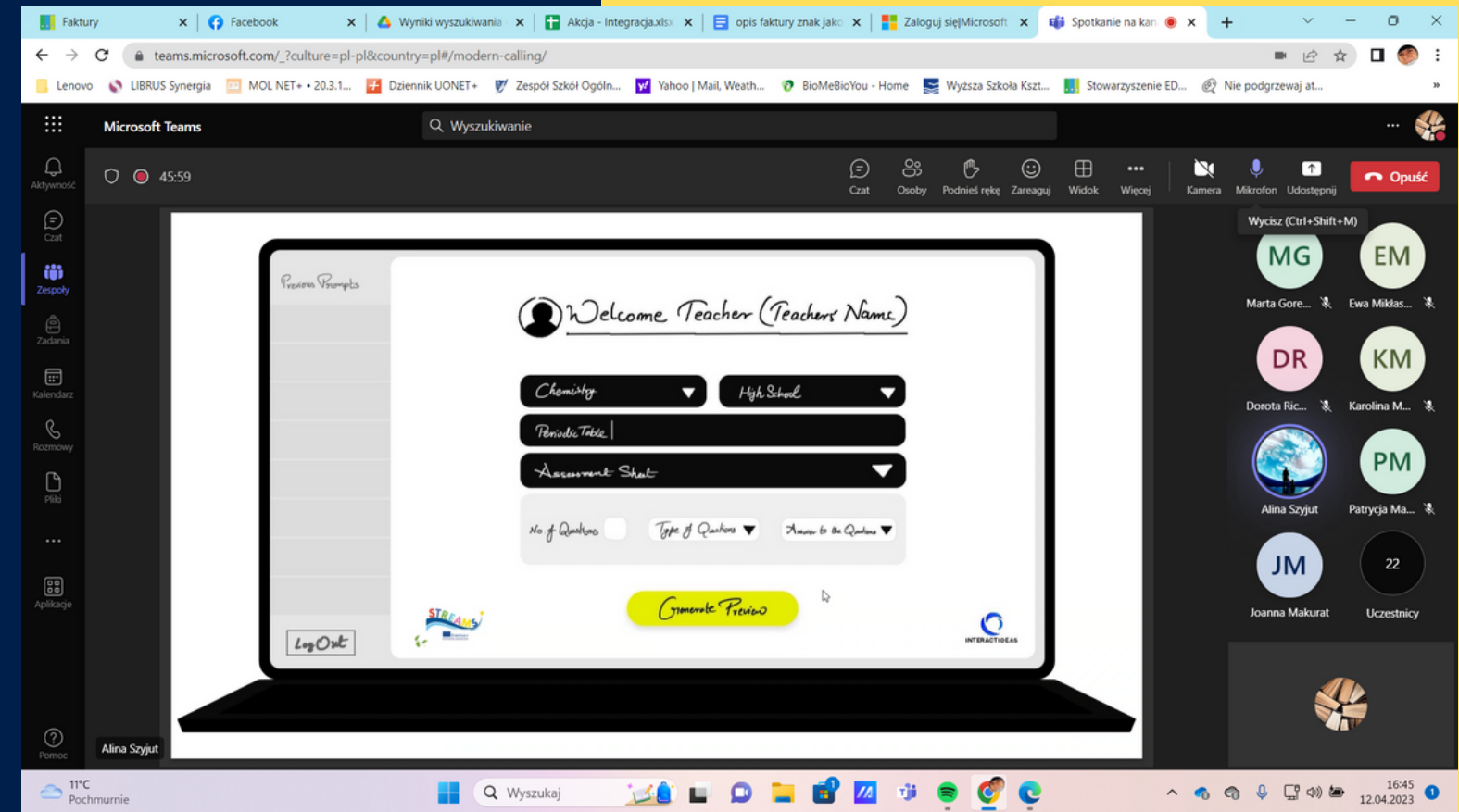
6. CONCLUSION

THE PROPOSED FRAMEWORK AIMS TO REVOLUTIONIZE THE WAY EDUCATIONAL RESOURCES ARE DEVELOPED AND UTILIZED BY LEVERAGING AI-DRIVEN TOOLS AND METHODOLOGIES. BY EMPLOYING AN INQUIRY-BASED LEARNING APPROACH AND INTEGRATING AI-GENERATED WRITTEN AND VIDEO CONTENT, THIS FRAMEWORK ENSURES A MORE INTERACTIVE AND ENGAGING LEARNING EXPERIENCE FOR STUDENTS. WITH THE SUPPORT AND COLLABORATION OF PARTNERS, THIS FRAMEWORK HAS THE POTENTIAL TO SIGNIFICANTLY ENHANCE EDUCATION OUTCOMES AND FOSTER A NEW GENERATION OF LIFELONG LEARNERS.

WORKSHOPS - REVIEW



WORKSHOPS - REVIEW



VML workshop - film



Alicja Szycak



Bożena Łoda



Aleksandra Górka



Alicja Karkowska



Dorota Richert



Ewa Mikłaszewska



Karolina Makuszyńska



Marta Górecka



Patrycja Matuszczyk





EVALUATION

In the end of the workshops we asked the participants to fill in an evaluation questionnaire and answer some questions concerning VML.

The results of the survey.



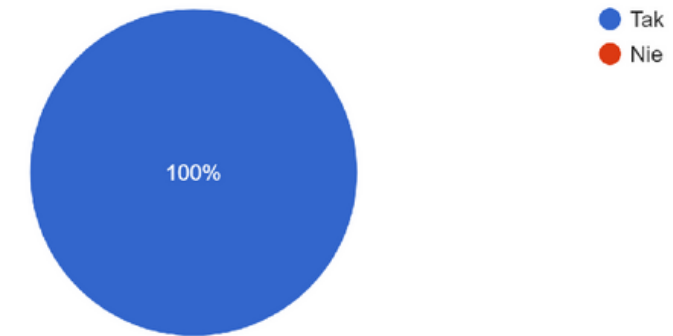


EVALUATION

THE RESULTS OF THE SURVEY.

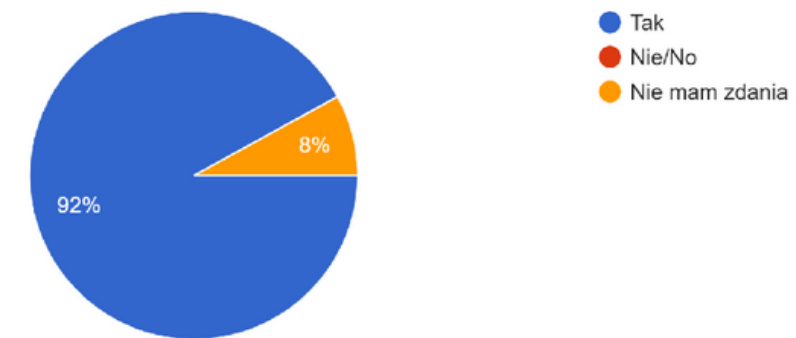
1. Czy Państwa zdaniem temat spotkania jest interesujący? Do you think the subject of the meeting is interesting?

25 odpowiedzi



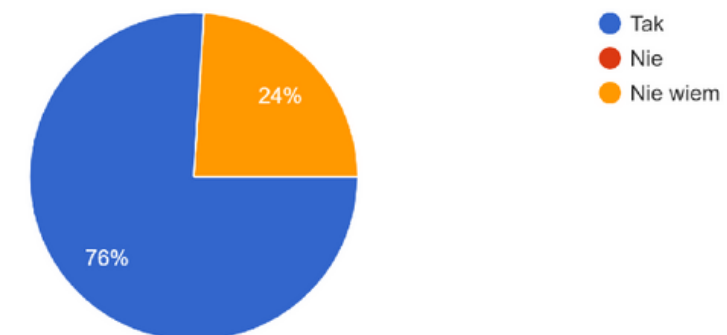
2. Czy uważacie Państwo, że tworzone w projekcie narzędzia z wykorzystaniem VML będą przydatne w pracy z uczniami? Do you think VML tools will be useful while preparing lessons and at work with kids?

25 odpowiedzi



3. Czy planują Państwo korzystać z możliwości, które daje VML? Do you plan to use VML tools in the future?

25 odpowiedzi





THANK YOU!!!

IN THE FUTURE TECHNOLOGY IS DEVELOPING VERY FAST