

Let's look at the answers to the questionnaire "International eTwinning project "STEM education in kindergarten - discoveries, experiments, research" (Apžvelkime anketos „Tarptautinis eTwinning projektas „STEM ugdymas darželyje - atradimai, eksperimentai, tyrimai“ atsakymus)

1. Teacher's name, surname (Pedagogo vardas, pavardė)

17 atsakymų

Nicoletta Hustiuc
Ilze Veidmane
Birutė Balsaitienė
Asta Želionienė
Mine SERHAT
Filiz SARİCAY
Dalia Janulčikienė
Esra BAYKARA
Justė Labukienė
Ayfer EKİZ
Jūratė Grišmanauskienė
Aušra Rašytinienė
Derya Özkıdık
DERYA DOĞAN
Karina Stainienė
Irena Šėgždienė
AYŞEGÜL DENİZ

17 respondents took part in the survey. (Apklausoje dalyvavo 17 respondentų).

2. Country represented, city (Atstovaujama šalis, miestas)

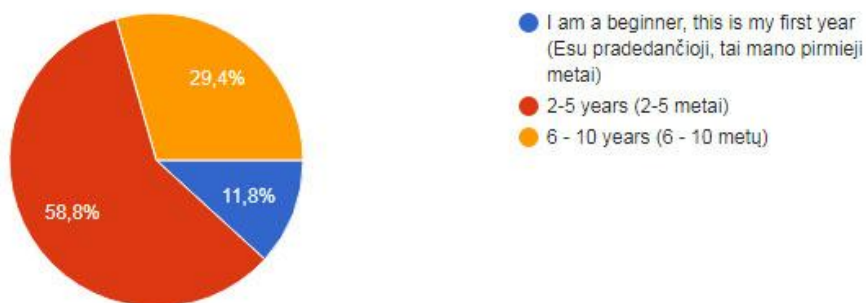
17 atsakymų

Lithuania, Kaunas
România
Latvia, Jurmla
Lithuania
TURKEY/MUĞLA
Bodrum/Muğla /TURKEY
Lietuva, Kaunas
TÜRKİYE/MUĞLA-BODRUM
TURKEY
Türkiye
TURKEY/AKSARAY
Kretinga, Lietuva
Lithuania, Klaipėda
TURKEY, BALIKESİR

Respondents from Lithuania, Latvia, Turkey and Romania participated in the survey. (Apklausoje dalyvavo respondentai iš Lietuvos, Latvijos, Turkijos ir Rumunijos).

3. What is your experience in eTwinning project activities? (Kokia jūsų patirtis projektinėje eTwinning veikloje?)

17 atsakymų

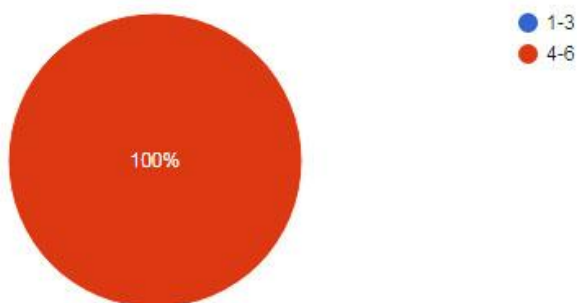


Answers to the question, what is your experience in eTwinning project activities?

The answers were as follows: 58.8% - from 2 to 5 years, 29.4% - 6-10 years, 11.8% - first year. (Atsakymai į klausimą, kokia jūsų patirtis projektinėje eTwinning veikloje? Atsakymai pasiskirtė sekančiai: 58.8% - nuo 2 iki 5 metų, 29,4 % - 6-10 metų, 11,8% - pirmieji metai)

4. What age are the children involved in this project? (Kokio amžiaus vaikai, dalyvaujantys šiame projekte?)

17 atsakymų

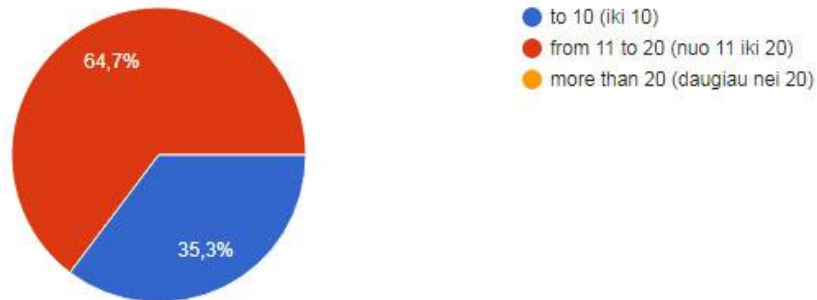


All respondents (100%) answered that children aged 4 to 6 participated in the project. (Visi respondentai (100%) atsakė, kad projekte dalyvavo vaikai nuo 4 iki 6 metų amžiaus)

5. How many of your students were involved in this project? (Koks skaičius jūsų auklėtinių dalyvavo šiame projekte?)



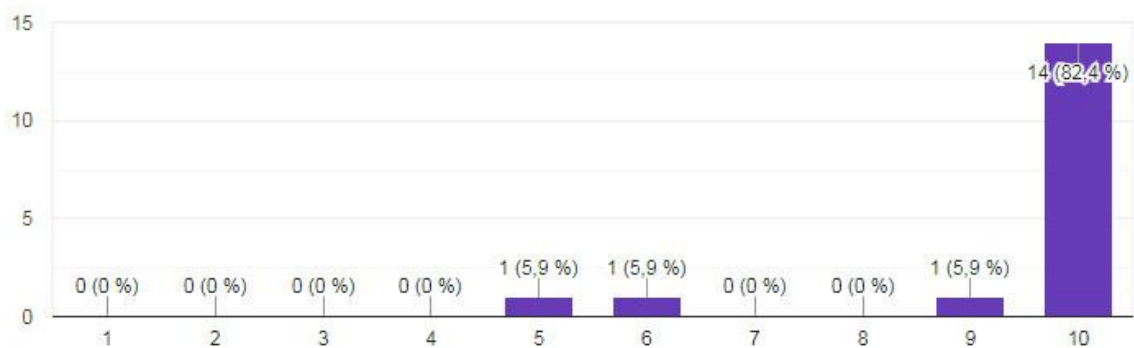
17 atsakymų



When asked how many of your students participated in this project, the answers of the respondents were distributed as follows: 64.7% - 11-20 children, 35.3% - up to 10 children. (Atsakant į klausimą, koks skaičius jūsų auklėtinių dalyvavo šiame projekte, respondentų atsakymai pasiskirstė sekančiai: 64,7% - 11-20 vaikų, 35,3% - iki 10 vaikų).

6. Were your children interested in participating in this project? Indicate interest from 1 to 10. (Ar jūsų vaikams buvo įdomu dalyvauti šiame projekte? Nurodykite susidomėjimą nuo 1 iki 10.)

17 atsakymų



Children's interest in the project was assessed as follows: 82.4% (14 respondents) - indicated the highest level of interest (10 points), 5.9% (1 respondent) - indicated 9 points, 5.9% (1 respondent) - indicated 6 points, 5.9% (1 respondent) - indicated 5 points (Vaikų susidomėjimas projektu įvertintas sekančiai: 82,4% (14 respondentų) – nurodė aukščiausią susidomėjimo lygį (10 balų), 5,9% (1

respondentas) – nurodė 9 balus, 5,9% (1 respondentas) – nurodė 6 balus, 5,9% (1 respondentas) – nurodė 5 balus).

7. What did your kids like most about this project? (Kas jūsų vaikams labiausiai patiko šiame projekte?)

17 atsakymų

Experiments

Experiment, design, creat flags, get acquainted with partner jobs

Childrens enjoyed the experiments and tests (Vaikams patiko eksperimentai ir bandymai)

Experiments, IT technologies

Deneyler

They both had fun and learned to gain experience by doing

Labai patiko eksperimentai ir inžineriniai iššūkiai.

To experiment

1. Online meeting

2. Watch partners videos

3. All project activities

interesting experiment

The children enjoyed acting independently, performing experiments

The children enjoyed experimenting and exploring. The children enjoyed watching the experiments carried out by the project partners, They also enjoyed live online meetings with the project partners.

Spider mechanics, hedgehogs from artwork and building structures with math chickpeas with games, etc. The stages of the butterfly's formation, including the age-appropriate Quiver work, did the job lovingly.

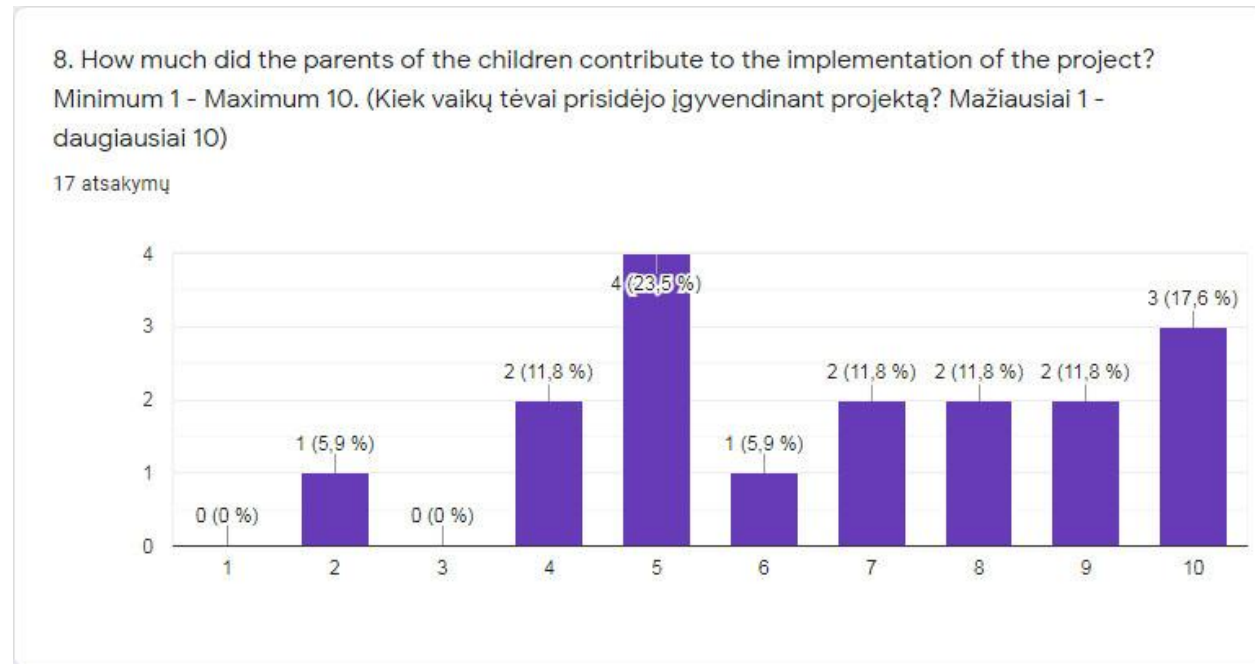
Building construction work

Konstravimas ir eksperimentai

The kids enjoyed watching the experiments of their friends the most.

Learning by discovering

The children liked the most: to act independently, to perform experiments, building construction works, online meetings, partner videos - activities, all project activities, use of IT, construction, engineering challenges. (Vaikams labiausiai patiko: veikti savarankiškai, atlikti eksperimentus, pastatų statybos darbai, internetiniai susitikimai, partnerių vaizdo įrašai - veiklos, visa projektinė veikla, IT naudojimas, konstravimas, inžinieriniai iššūkiai).



The number of children's parents who contributed to the project was distributed as follows: 23.5% (4 respondents) - rated 5 points, 17.6% (3 respondents) - 10 points, 11.8% (2 respondents) - 9 points, 11.8% (2 respondents) - 8 points, 11.8% (2 respondents) - 7 points, 11.8% (2 respondents) - 4 points, 5.9% (1 respondent) - 6 points, 5.9% (1 respondent) - 2 points (Kiek vaikų tėvai prisidėjo įgyvendinant projektą, respondentų atsakymai pasiskirstė sekančiai: 23,5% (4 respondentas) - įvertino 5 balais, 17,6% (3 respondentai) - 10 balų, 11,8% (2 respondentai) - 9 balais, 11,8% (2 respondentai) - 8 balais, 11,8% (2 respondentai) - 7 balais, 11,8% (2 respondentai) - 4 balais, 5,9% (1 respondentas) - 6 balais, 5,9% (1 respondentas) - 2 balais).

9. What experiences did the children gain from participating in this project? Briefly describe.
(Kokios patirties vaikai įgijo dalyvaudami šiame projekte? Trumpai apibūdinkite.)

17 atsakymų

Cooperation, play together, have fun

Learned new words in English and Lithuanian, learned the names of the countries; became safers, learned the first steps in coding

The children learned a lot again, learned to perform experimental actions, and gained self-confidence.
(Vaikai daug ko išmoko, išmoko atlikti eksperimentinius veiksmus ir įgijo pasitikėjimo savimi.)

Communication, co-operation, developed cognitive abilities, abilities to analyze, draw conclusions

They gained scientific and creative skills

their curiosity continued to grow as they discovered their emotions, their creativity and imagination continued to develop

Išmoko dirbti komandose, kartu su draugais spręsti iškilusias problemas, kūrybingai ieškoti iškilusių problemų sprendimo būdų.

to research, to learn by doing, to ask questions

Most importantly that children learned and experimented through the experience. They also improved social, communication and cooperation skills and improved intercultural and cognitive competencies

They encountered many experiments.

Children acquired skills of observation, cooperation, problem solving

The children learned to cooperate with the project partners: to perform joint tasks, to join joint events, to invite the partners to an event organized by our.

It enabled children to gain new experiences by exploring their interests, to explore their environment by enriching their world of knowledge, and to increase their self-confidence by overcoming problems.

learning by doing, thinking skill self-confidence

Komandinio darbo įgūdžių, priežasties ieškojimo, analizavimo.

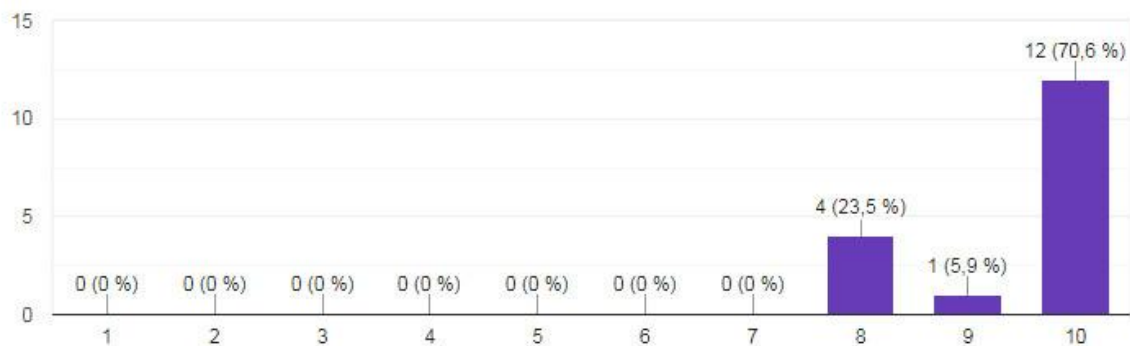
Students gained new experiences communicating with their own and other countries' children in the virtual space. Had the opportunity to constantly monitor the work done by friends on the screen, evaluate them and repeat the chosen activity. The joint activities of the project especially motivated the children to be active.

They gained learning experience by discovering

Experience gained by children in the project: learned to discover, learned to work with project partners, perform common tasks, acquired scientific, problem-solving and creative skills, increased self-confidence, develop their imagination, improved intercultural and cognitive competences, learned new words in English and Lithuanian, learned country names, became safer, learned the first steps of coding, the ability to analyze, draw conclusions, have fun, ask questions, learned to work in a team. (Vaikų patirtis, įgyta vykdant projektą: išmoko atrasti, išmoko bendradarbiauti su projekto partneriais, atlikti bendras užduotis, įgijo mokslinių, problemų sprendimo ir kūrybinių įgūdžių, padidino pasitikėjimą savimi, plėtoti savo vaizduotę, patobulino tarpkultūrinės bei pažinimo kompetencijas, išmoko naujų žodžių anglų ir lietuvių kalbomis, sužinojo šalių pavadinimus, tapo saugesniais, išmoko pirmuosius kodavimo žingsnius, gebėjimas analizuoti, daryti išvadas, linksmintis, užduoti klausimus, išmoko dirbti komandoje).

10. Did you benefit from participating in this project? Rate from 1-10. (Ar jums buvo naudingas dalyvavimas šiame projekte? Įvertinkite nuo 1 iki 10)

17 atsakymų



Whether the teacher benefited from participating in this project, the answers were distributed as follows: 70.6% (12 respondents) rated 10 points, 23.5% (4 respondents) rated 8 points, 5.9% (1 respondent) rated 9 points.

Ar pedagogui buvo naudingas dalyvavimas šiame projekte, atsakymai, pasiskirstė sekančiai: 70,6% (12 respondentų) įvertino 10 balų, 23,5% (4 respondentai) įvertino 8 balais, 5,9% (1 respondentas) įvertino 9 balais.

11. What did you learn in this project yourself? (Ko išmokote šiame projekte jūs pati?)

17 atsakymų

To finish in time the activities and learn to use it tools, web tools by my own

Awareness of the Steam method.

I myself tried a lot of experiments, testing for the first time, great benefits for partner ideas.(Aš pati išbandžiau daug eksperimentų, išbandžiau pirmą kartą, didžiulę naudą gavau iš partnerių idėjų.)

I tried new IT tools, improved my English.

The first time I participated in a project outside of Turkey. This was exciting for me.
So I got an idea about the steam events of another country.

I improved myself with the ideas and activities of my friends who took part in the project.

Buvo puiki proga suvokti, kas yra STEAM ugdymas.

I have met different countries and class environments, different educational activities

While participating in this project, I took a lot of ideas for various activities, saw how the project partners communicate and collaborated in a friendly way. I had a great opportunity to learn how to manage twinspace. I improved my English skills, intercultural competence. I also had a great opportunity to put into practice and delve into STEAM education. Also I get great benefits from partner ideas.

using different web 2 tools and exploring through experiments

I improved my IT skills, I gained experience in the field of STEAM, I got ideas for activities

I learned to take into account the wishes of the project partners.

Since this project is the first project I have conducted, I think that by meeting different web2 tools, I have improved my knowledge and skills in technology, computer, etc.

In this project, I stepped into the stem area.

Kaip sukurti ir vykdyti kokybišką projektą.

The benefits of the project are immeasurable - personal experience in preparing presentations, discovering community, luggage of new ideas, implementing joint work, new skills in using eTwinning tools, learning English, etc. t.

How stem studies provide permanent learning in his teaching

To the question what you learned in this project (educators), the answers are as follows: we have learned to use our IT tools as well as web tools; I got acquainted with the Steam learning method; I myself tried a lot of experiments, great benefits for partner ideas; I tried new IT tools, improved my English; the first time I participated in a project outside of Turkey; I improved myself with the ideas and activities of my friends who took part in the project; it was a great opportunity to understand what STEAM education is; I have met different countries and class environments, different educational activities; while participating in this project, I took a lot of ideas for various activities, saw how the project partners communicate and collaborated in a friendly way; I had a great opportunity to learn how to manage twinspace; also I get great benefits from partner ideas; I learned to take into account the wishes of the project partners; I learned to work better with a computer; I learned how to create and run a quality project; the benefits of the project are immeasurable - personal experience in preparing presentations, discovering community, luggage of new ideas; I learned how the Steam method provides continuous learning by teaching.

Į klausimą, ko išmokote šiame projekte (pedagogai), atsakymai yra šie: išmokome naudoti savo IT įrankius bei žiniatinklio įrankius; susipažinau su Steam ugdymo metodu; išbandžiau daug eksperimentų, didžiulę naudą gavau iš partnerių idėjų; išbandžiau naujas IT priemones, patobulinau anglų kalbą; pirmą kartą dalyvavau projekte už Turkijos ribų; Aš tobulinau savo draugų, dalyvavusių projekte, idėjas ir veiklą; Buvo puiki proga suvokti, kas yra STEAM ugdymas; susipažinau su skirtingomis šalimis ir klasės aplinka, skirtinga edukacine veikla; dalyvaudamas šiame projekte pasisėmiau daug idėjų įvairioms veikloms, pamačiau, kaip projekto partneriai draugiškai bendrauja ir bendradarbiauja; turėjau puikią progą išmokti valdyti dvynių erdvę; taip pat gaunu didelę naudą iš partnerių idėjų; išmokau atsižvelgti į projekto partnerių norus; geriau išmokau dirbti su kompiuteriu; išmokau, kaip sukurti ir vykdyti kokybišką projektą; projekto nauda neišmatuojama - asmeninė patirtis ruošiant pristatymus, atrandant bendruomenę, naujų idėjų bagažas; sužinojau, kaip Steam metodas suteikia nuolatinį mokymąsi mokant.

12. What would you do differently? (Ką darytumėte kitaip?)

17 atsakymų

More help and understanding others needs, explain again if necessary

I would organize group work because there are many partners

We worked a lot with students, interacted with partners I wouldn't change anything.(Daug dirbome su studentais, bendravome su partneriais nieko nekeisčiau.)

In the project, all partners should share work and responsibilities (eg page-work sharing)

I would schedule certain activities each month and all project partners would follow the same work plan. I would set the student web 2 tools and ensure that all project partners use the same student web2.

In the Pages section, I would determine a common topic for the project every week. Unity would be more pronounced in the events.

Nieko nekeisčiau, viskas buvo puikiai suplanuota.

I would put more emphasis on collaboration and collaboration

As this was the first year I was involved in etwinning projects, next time I would try to contribute more to the organization of joint activities.

Experiments could be done on subjects. For example, it could be a topic of every month.

Nothing

I think nothing. Perhaps I would try to organize online trainings for project partners more often.

I would put the joint product on the pages. I would set specific events each month and implement the same activity with the partners.

Since I do not know much about stem, I cannot say my opinion on this subject.

Vykdyčiau trumpesnį laiką

Great project and all the planned tasks. I have nothing to add.

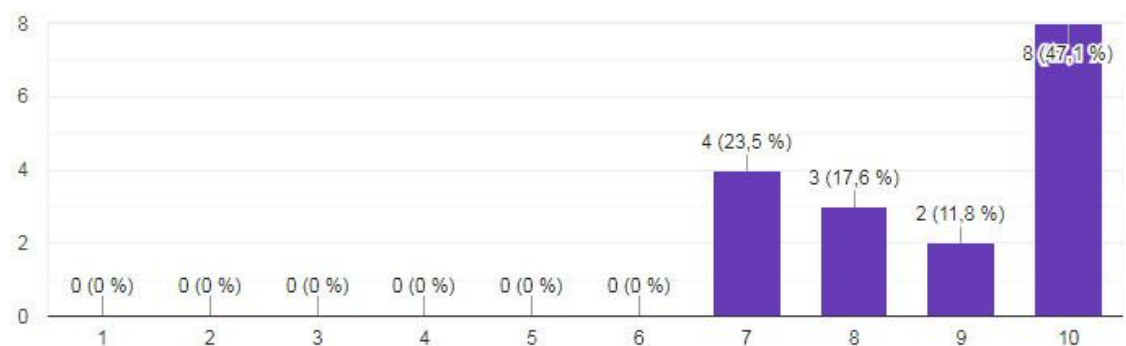
What would you do differently, respondents responded as follows: more help and understanding others needs; I would organize group work because there are many partners; we worked a lot with students, interacted with partners I wouldn't change anything; in the project, all partners should share work and

responsibilities; I would set the student web 2 tools and ensure that all project partners use the same student web2; in the "Pages" section, I would identify a common project theme each week; I wouldn't change anything, everything was perfectly planned; I would put more emphasis on collaboration and collaboration; next time I would try to contribute more to the organization of joint activities; I would anticipate the theme for each month; perhaps I would try to organize online trainings for project partners more often; I would shorten the project time.

Ką darytumėte kitaip, respondentai atsakė sekančiai: daugiau pagalbos ir kitų poreikių supratimo; organizuočiau grupinį darbą, nes yra daug partnerių; daug dirbome su studentais, bendravome su partneriais nieko nekeisčiau; projekte visi partneriai turėtų dalytis darbu ir atsakomybe; norėčiau nustatyti studentų žiniatinklio 2 įrankius ir užtikrinti, kad visi projekto partneriai naudotų tą patį studentų internetą2; skyriuje „Puslapiai“ kiekvieną savaitę nustatytia bendrą projekto temą; nieko nekeisčiau, viskas buvo puikiai suplanuota; aš labiau akcentuočiau bendradarbiavimą ir bendradarbiavimą; kitą kartą bandysiu daugiau prisidėti prie bendros veiklos organizavimo; aš numatyčiau kiekvieno mėnesio temą; galbūt bandyčiau organizuoti internetinius mokymus projekto partneriams; sutrumpinčiau projekto laiką.

13. What is the contribution of your participation in this project? Rate from 1-10. (Koks jūsų dalyvavimo šiame projekte indėlis? Įvertinkite nuo 1 iki 10)

17 atsakymų

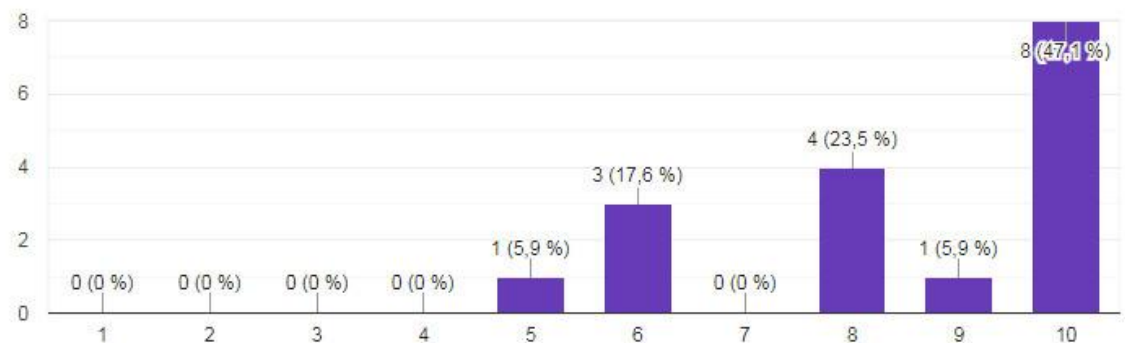


Respondents assessed their contribution to this project as follows: 47.1% (8 respondents) rated 10 points, 23.5% (4 respondents) rated 7 points, 17.6% (3 respondents) rated 8 points, 11.8% (2 respondents) rated 9 points.

Savo dalyvavimo indėlių šiame projekte respondentai įvertino sekančiai: 47,1% (8 respondentai) įvertino 10 balų, 23,5% (4 respondentai) įvertino 7 balais, 17,6% (3 respondentai) įvertino 8 balais, 11,8% (2 respondentai) įvertino 9 balais.

14. How do you evaluate the cooperation with other partners? Rate from 1-10. (Kaip vertinate bendradarbiavimą su kitais partneriais? Įvertinkite nuo 1 iki 10.)

17 atsakymų

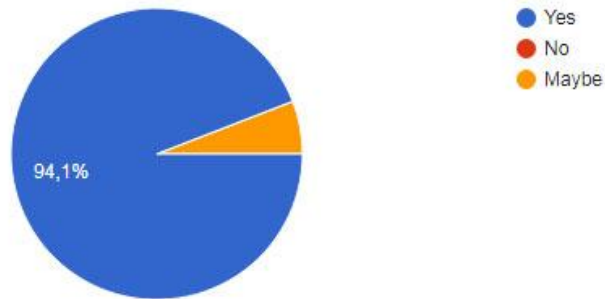


They evaluated their cooperation with project partners as follows: 47.1% (8 respondents) rated 10 points, 23.5% (4 respondents) rated 8 points, 17.6% (3 respondents) rated 6 points, 5.9% (1 reporter) scored 9 points, 5.9% (1 respondent) scored 5 points.

Savo bendradarbiavimą su projekto partneriais įvertino sekančiai: 47,1% (8 respondentai) įvertino 10 balų, 23,5% (4 respondentai) įvertino 8 balais, 17,6% (3 respondentai) įvertino 6 balais, 5,9% (1 repondentas) įvertino 9 balais, 5,9% (1 repondentas) įvertino 5 balais.

15. Do you intend to take part in an eTwinning project next year? (Ar ketinate ir kitais metais dalyvauti eTwinning projektinėje veikloje?)

17 atsakymų



The intention to participate in an eTwinning project next year was as follows:
91.1% answered yes, 5.9% - maybe.

Apie ketinimą sekančiais metais dalyvauti eTwinning projektinėje veikloje atsakė
taip: 91,1% atsakė taip, 5,9% - gal būt.