

Smart Robots at Work: Coding Workshop



**SMART ROBOTS SMART KIDS
AT CODING WORKSHOP**

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TEACHERS OF THE PROJECT

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Introduction

In today's digital age, it's critical that individuals not only consume technology but also produce and design it. Coding and robotics skills are no longer considered future professions, but rather a part of basic literacy. Preschool is a period when children most rapidly develop fundamental cognitive skills such as problem-solving, algorithmic thinking, sequencing, and critical thinking. With our project, we aim to integrate the concept of coding into the preschool curriculum through games, physical activities, and computer-aided activities. Through this project, our children will develop the fundamental logic of coding—following instructions, establishing cause-effect relationships, and debugging—through fun and exploration. Furthermore, because education is a holistic approach, the outcomes we strive to impart in this area will foster interdisciplinary progress by supporting collaboration, communication, language development, and motor skills.

1. ABOUT THE PROJECT

1.1 Project Calendar

Our Work

DECEMBER

	What we will do	Date Range	Date Range Control
1	Teachers and Students introduce themselves	01.12.2025	01.12.2025
2	Upload parental permission documents to the system	01.12.2025	03.12.2025
3	Sharing promotional videos on the school website and in groups	01.12.2025	03.12.2025
4	Locating teachers on the map	01.12.2025	03.12.2025
5	Preparing project boards	01.12.2025	07.12.2025
6	Teachers' introductory meeting	08.12.2025	08.12.2025
7	Carrying out e-security activities	08.12.2025	12.12.2025
8	Logo,slogan, poster designs	01.12.2025	05.12.2025
9	Conduct and complete the slogan survey	12.12.2025	15.12.2025
10	Conduct and complete the poster survey	12.12.2025	15.12.2025
11	Conduct and complete the logo survey	12.12.2025	15.12.2025
12	Conducting a preliminary survey evaluation on families	05.12.2025	08.12.2025
13	Administer the pre-survey assessment to students	05.12.2025	08.12.2025

Classroom activities

- Orientation games
- Games with coding cards
- Table activities
- Story activity for coding

JANUARY

	What we will do	Date Range	Date Range Control
1	Student introductory meeting (forming mixed teams)	05.01.2026	12.01.2026
2	Christmas challenge event	01.01.2026	20.01.2026
3	Administering the final test survey to the students.	20.01.2026	25.01.2026
4	Administering the final test survey to parents	20.01.2026	25.01.2026
5	Reading the project storybook	20.01.2026	25.01.2026
6	Dissemination of awareness campaigns	20.01.2026	25.01.2026

Classroom activities

- Orientation games
- Games with coding cards
- Table activities
- Story activity for coding

1.2 apps used on the project

We used:

- Canva (for making posters, slogan, ...)
- Clipchamp (for making video of workshop)
- Chatgpt (for making images who are in rule with e-security of children)
- We played games from Wordwall.net.
- Gemini(for making posters,slogan,etc.)
- CapCut (for videos)
- Linoit (for posting memos/photos)
- Survio (for slogan survey)
- Pic Collage (for collage)
- Picsart (photo collage)

1.3 Task Distribution

	Our teachers	Quests
1	Funda ULUCANLI	Creation of project pages Creating a project promotional video Creating a WhatsApp group Scheduling Meetings

2	Melissa Van EVERBROECK	Creating and organising project pages Creating padlet for introducing members Creating padlet for posting images/pictures of coding workshops Creating Happy New Year Challenge Creating certificates for students and teachers
3	Esin YENİLMEZ TOMBAK	Ailelere "eTwinning ve kodlama" hakkında ön anket yapılması Preliminary survey to families about "eTwinning and coding"
4	Bilgin YURDAKUL	Designing an "e-security" poster
5	Dionisia NİKOLAKOPOULOU	Conducting a final survey to students
6	Meryem AYDIN	Conducting a preliminary survey on "eTwinning and coding" to students
7	Gülhan SAK	Conducting the project "poster" survey
8	Zeynep ÖZEL	Conducting the project "logo" survey
9	Foteini LAMPRAKOPOULOU	Creating the project "Instagram Page"
10	Katarzyna Warchoł	Conducting a final survey to families
11	Frosina KANZUROVA	Creating the story book
12	Rodica DRAGULIN	Creating Facebook page of project
13	Xara STAMATIADOU	Conducting a project "slogan" survey
14	Georgia KALIVA	Creating a project book showing the work done on the project.
15	Anna DROBCZYNSKA	Combining Christmas challenge pictures

PROJECT TASK DISTRIBUTION

1. Conducting a preliminary survey on "eTwinning and coding" to students
2. Conducting a preliminary survey to families about "eTwinning and coding"
3. Conducting the project "logo" survey
4. Conducting the project "poster" survey
5. Conducting a project "slogan" survey
6. Creating the project "Instagram page"
7. Creation of the project "Facebook page"
8. Creating the story book
9. Creating a project book showing the work done on the project
10. Conducting a final survey to students
11. Conducting a final survey to families
12. Designing an "e-security" poster

2.2 Introduction members

<https://padlet.com/melissavaneverbroeck/coding-workshop-introducing-teachers-and-students-8dn2qsmbjuklqi66>

2.3 meetings between members

Pictures of teacher meeting

Participants (13)

Find a participant

- Georgia Kaliva (Me)
- Funda ULUCANLI (Host)
- andrz
- FOTEINI LAMPRAKOPOULOU
- Melissa
- Esin YENİLMEZ TOMBAK /İZMİR
- dionysia nikolakopoulou
- Frosina
- Gülhan SAK
- Meryem AYDIN
- Teia Tomescu
- Xara Stamatiadou
- Zeynep Özel

2.4 meetings between children



3. PROJECT PROMOTION VIDEO

Share our project promotional video in school groups and on our website.

<https://youtu.be/ejQfTjxgzik>

4. PROJECT WORKSHOPS

<https://padlet.com/melissavaneverbroeck/coding-workshops-ocjjh98z43xynv8i>

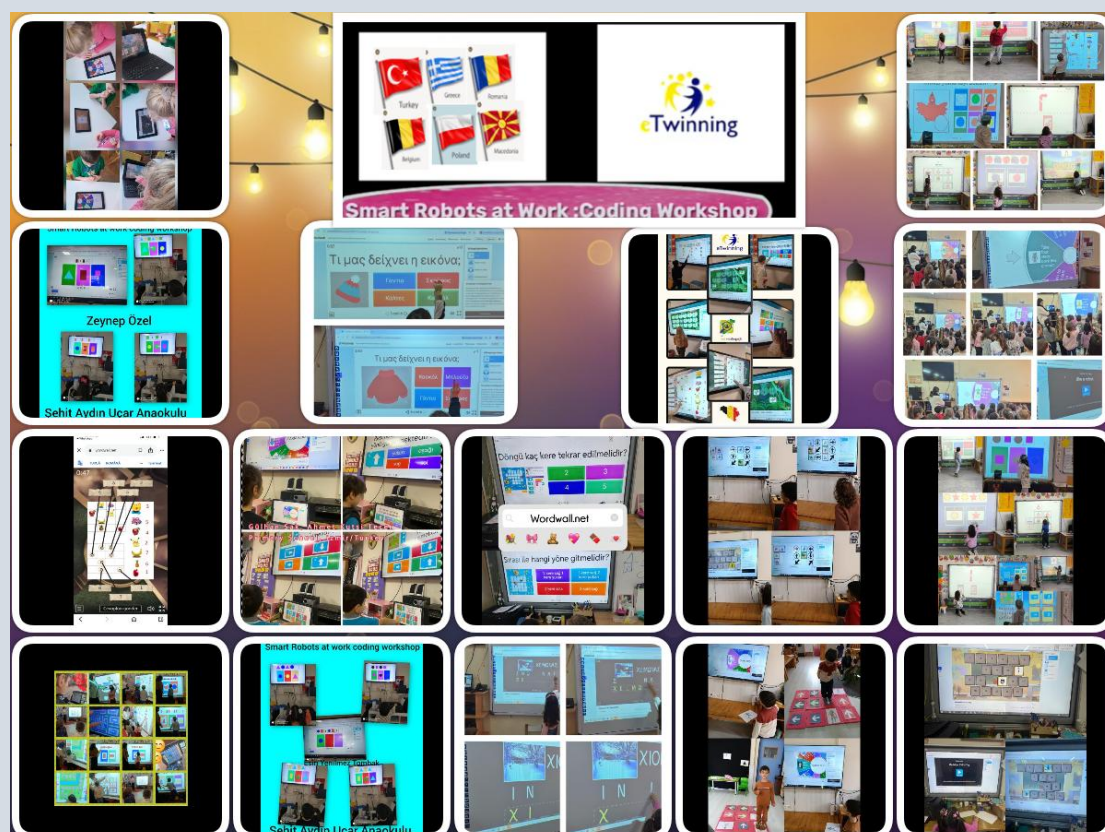
4.1 Christmas cards



4.2 Our Boards



4.3 Wordwall.net events



4.4 Happy New Year challenge



5. PROJECT POSTERS

5.1 poster contest



5.2 winning poster



6. PROJECT LOGOS

6.1 logo contest



6.2 winning logo



7. PROJECT SLOGANS

1. "Coding Through Play, Learning Every Day!" Nikolakopoulou Dionisia, 4th Kindergarten of Agios Nikolaos, Crete, Greece
2. "United Creativity" Georgia Kaliva, 4th Kindergarten of Agios Nikolaos, Crete, Greece
3. "Tiny Minds Are Coding", Funda ULUCANLI, Süleyman Bilgen Primary School, TURKEY
4. "Creativity and fun with technology" MPI Het Vindingrijk, Belgium
5. Beep beep! Here Come the Little Coders! Foteini Lamprakopoulou, 5th Kindergarten of Gerakas, Athens, Greece
6. "Where Little Kids Become Big Thinkers!", Stamatiadou Xara, 4th Kindergarten of Agios Nikolaos, Crete, Greece
7. "SMART ROBOTS at work are changing the world"
Frosina Kanzurova, kindergarten Veseli Cvetovi, Skopje, Macedonia
8. " Smart Robots At Work: Code+Play=Learn With Fun", Gülhan Sak, Ahmet Kutsi Tecer Primary School, TURKEY
9. "Code On, Create Your Word!" Meryem AYDIN, Süleyman Bilgen Primary School, İzmir, TURKEY
10. "Code with imagination and you will solve any puzzle.", Katarzyna Warchoń, Przedszkole Niepubliczne "Green Garden" Bydgoszcz, Polska
11. "I play and code, I love it!!" Esin YENİLMEZ TOMBAK, Şehit Aydın Uçar kindergarten, İzmir, TURKEY.
12. Think and create with robots! Zeynep Özel, şehit Aydın Uçar Anaokulu İzmir/ Turkey
13. Let's have fun while coding and discover the future. BİLGİN YURDAKUL, İnci Hikmet Tözün Anaokulu İzmir / TURKEY
14. "Building Brighter Future Together "Tomescu-Dragulin Filofteia

Link of the slogan survey: <https://www.surveymonkey.com/survey/d/M7J4J3F7U2E4N1O0L>

Slogan Images



7.1 winning slogan

8. e-SECURITY

Our project-security poster



8.1 Our project rules

eTwinning PRINCIPLES

We must be careful not to infringe the copyrights of the images, photos, music, and files we use throughout the project.

We must avoid sending excessive messages, even late at night, to our project partners, teacher colleagues, and groups of parents and students.

Before sending a connection request to someone on the eTwinning portal, we must contact that person.

At the beginning of the project, we must obtain parental consent forms signed by our parents and obtain their permission.

We must ensure that the activity photos used in the project are activity-focused. We must appropriately conceal the faces of students whose faces are visible.

Only the names of the students and parents should be used throughout the project, using only the initials of their surnames.

We must ensure that the videos we upload to YouTube are shared unlisted. We may share the videos we create publicly to promote our project.

We must not share personal information with people we do not know on social media.

We must not send mass messages.

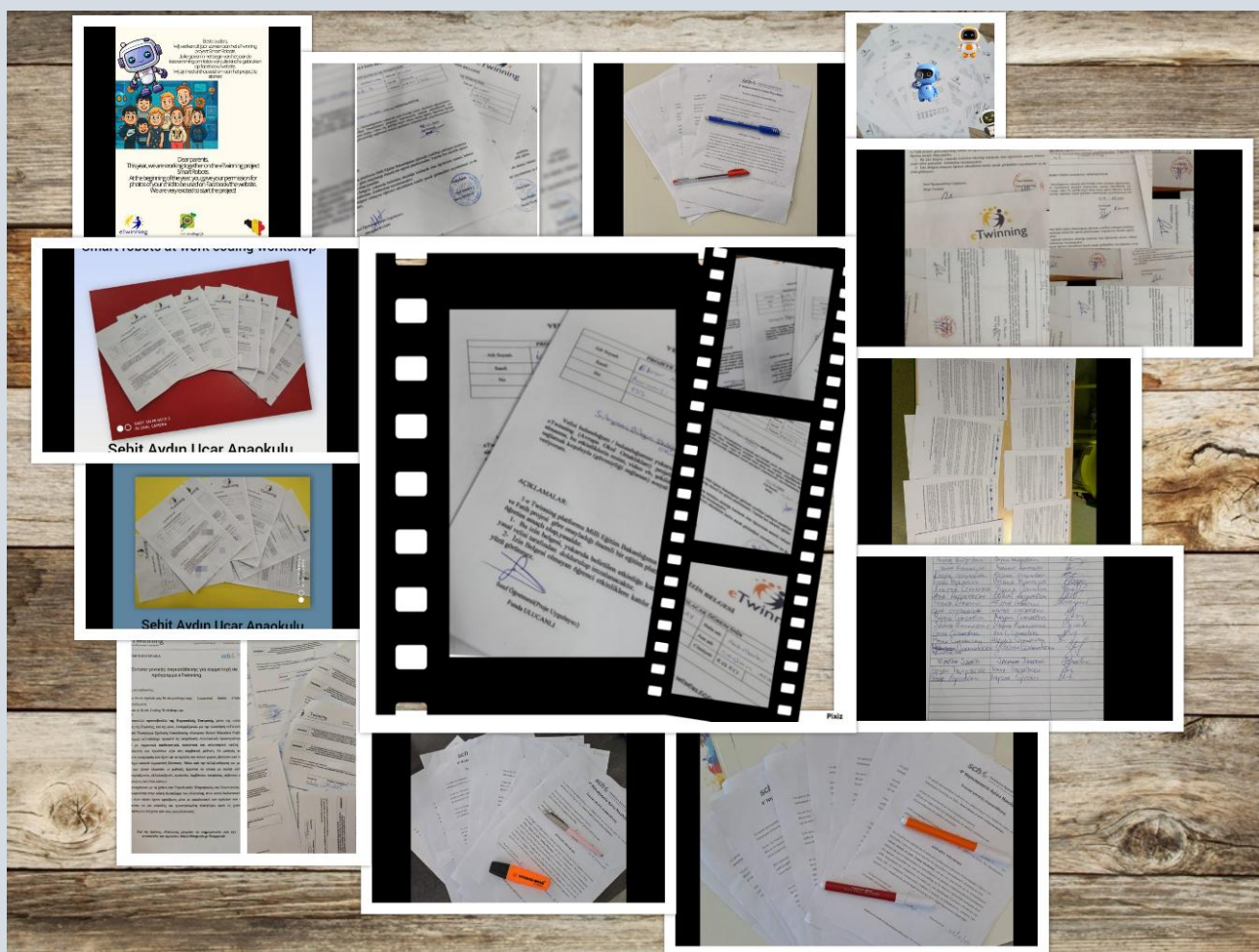
Never use a computer to harm others.

Never use a computer for malicious purposes such as fraud, perjury, or theft.

Never use a computer to interfere with other people's business.

Never use a computer to obtain other people's personal files or information.

8.2 Permission Documents





9. PROJECT DISSEMINATION PAGES

9.1 Instagram Page

<https://www.instagram.com/smartrobotsatwork/>

9.2 Facebook page

<https://www.facebook.com/share/1A4JxG7GxQ/?mibextid=wwXlfr>

9.3 School website posts

- <https://blogs.sch.gr/5nipgerak/programmata-etwinning/>
- [Kindergarten Veseli Cvetovi](#)
- <https://www.veselicvetovi.mk/index.php/nastani/etwinning-smart-robots-at-work>
- https://4nip-ag-nikol.las.sch.gr/etwinning-project_2025-2026_smart-robots-at-work-coding-workshop/
- <https://greengarden.edu.pl/etwinning-w-green-garden/>
- <https://www.instagram.com/reel/DRfUnxeCJhE/?igsh=ajB1M2xnaHU3N3Qw>

10. PRE-TEST QUESTIONNAIRE

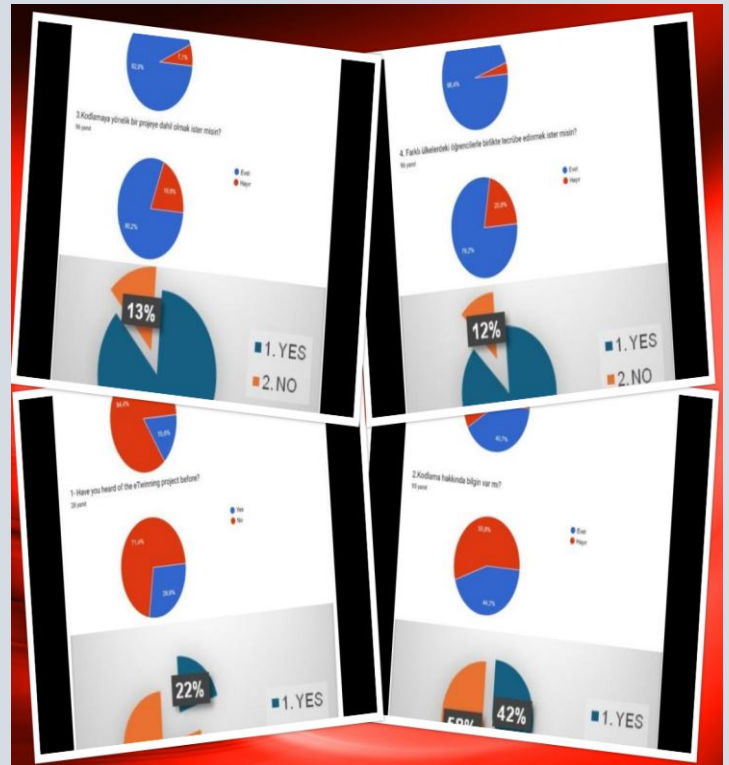
10.1 Student Survey

Öğrenciler için Ön Test Değerlendirme Anket Sonuç Analizi:

1. Anket sonucuna göre 139 öğrenci ankete katılmıştır.
2. Anket sonucuna göre öğrencilerin %22 si Daha önce eTwinning projesi adını duyduğunu, %78'i daha önce eTwining projesi adını duymadığını belirtmiştir.
3. Anket sonucuna göre öğrencilerin %42'si Daha önce kodlama hakkında bilgisi olduğunu, %58'i daha önce kodlama hakkında bilgisi olmadığını belirtmiştir.
4. Anket sonucuna göre öğrencilerin %87'si Kodlamaya yönelik bir projeye dahil olmak istediğini, %13'ü Kodlamaya yönelik bir projeye dahil olmak istemediğini belirtmiştir.
5. Anket sonucuna göre öğrencilerin %88'i Farklı ülkelerden öğrencilerle birlikte kodlama etkinlikleri yapmak istediğini, % 12'si Farklı ülkelerden öğrencilerle birlikte kodlama etkinlikleri yapmak istemediğini belirtmiştir.
6. Anket sonucuna gören öğrencilerin çoğunluğu kodlamayı merak ettiği ve kodlama çalışmalarında yer almak istediği görülmüştür.

Analysis of Pre-Test Assessment Questionnaire Results for Students:

1. According to the survey results, 139 students participated in the survey.
2. According to the survey results, %22 of the students stated that they had heard of the eTwinning project before, while %78 stated that they had not heard of the eTwinning project before.
3. According to the survey results, %42 of the students stated that they had prior knowledge of coding, while %58 stated that they did not.
4. According to the survey results, %87 of students stated that they wanted to be involved in a coding project, while %13 stated that they did not want to be involved in a coding project.
5. According to the survey results, %88 of students stated that they would like to do coding activities with students from different countries, while % 12 stated that they would not want to do coding activities with students from different countries.
6. The survey results show that the majority of students are interested in coding and want to participate in coding activities.



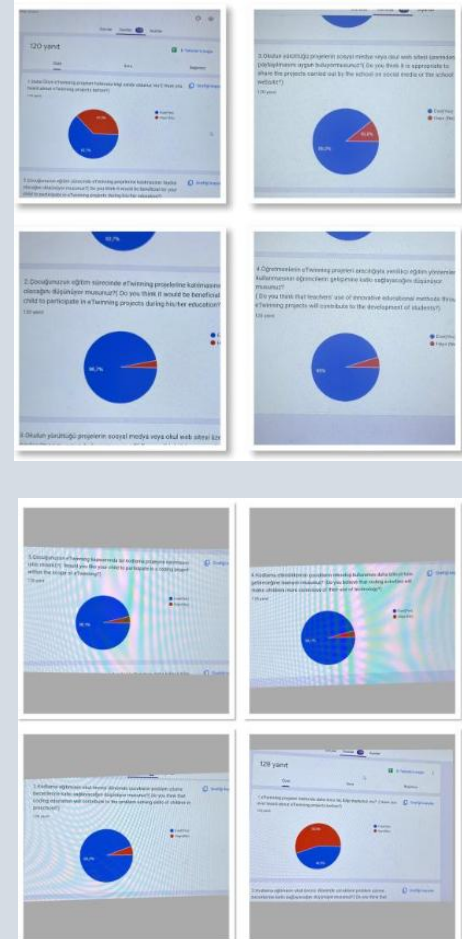
10.2 family pre-test questionnaire

Veliler için eTwinning ve Pazarlama Ön Anket Sonuç Analizi:

1. Anket sonucuna göre 120 veli ankete katılmıştır.
2. Anket sonucuna göre velilerin %62,7 si daha Önce eTwinning projeleri hakkında bilgi sahibi olduğunu,%37,3 ü daha önceden bir e Twinning projesi hakkında bilgi sahibi olmadığını belirtmiştir.
3. Anket sonucuna göre velilerin %96,7 si Çocuğunun eğitim sürecinde eTwinning projelerine katılmasının faydalı olacağını düşündüğünü,%3,3 ü Çocuğunun eğitim sürecinde eTwinning projelerine katılmasının faydalı olmayacağını belirtmiştir.
4. Anket sonucuna göre velilerin %89,2 si okulun yürüttüğü projelerin sosyal medya veya okul web sitesi üzerinden paylaşılmasını uygun bulduğunu,%10,8 i okulun yürüttüğü projelerin sosyal medya veya okul web sitesi üzerinden paylaşılmasını uygun bulmadığını belirtmiştir.
5. Anket sonucuna göre velilerin %95 i Öğretmenlerin eTwinning projeleri aracılığıyla yenilikçi eğitim yöntemleri kullanmasının öğrencilerin gelişimine katkı sağlayacağını düşündüğünü %5i düşünmediğini belirtmiştir.

eTwinning and Marketing Pre-Survey Results Analysis for Parents:

1. According to the survey results, 120 parents participated in the survey.
2. According to the survey results, 62.7% of the parents stated that they had previously been informed about eTwinning projects, while 37.3% stated that they had not previously been informed about an eTwinning project.
3. According to the survey results, 96.7% of the parents thought that their child's participation in eTwinning projects would be beneficial in their education process, while 3.3% stated that it would not be beneficial.
4. According to the survey results, 89.2% of the parents found it appropriate for the school to share the projects it carries out on social media or the school website, while 10.8% did not find it appropriate.
5. According to the survey results, 95% of the parents thought that teachers using innovative teaching methods through eTwinning projects would contribute to the development of the students, while 5% did not think so.



11. FINAL TEST SURVEY

11.1 Student final test



eTwinning Project Survey Results

This document presents the results of a student survey conducted after the completion of the eTwinning project. A total of 52 students participated in the survey.

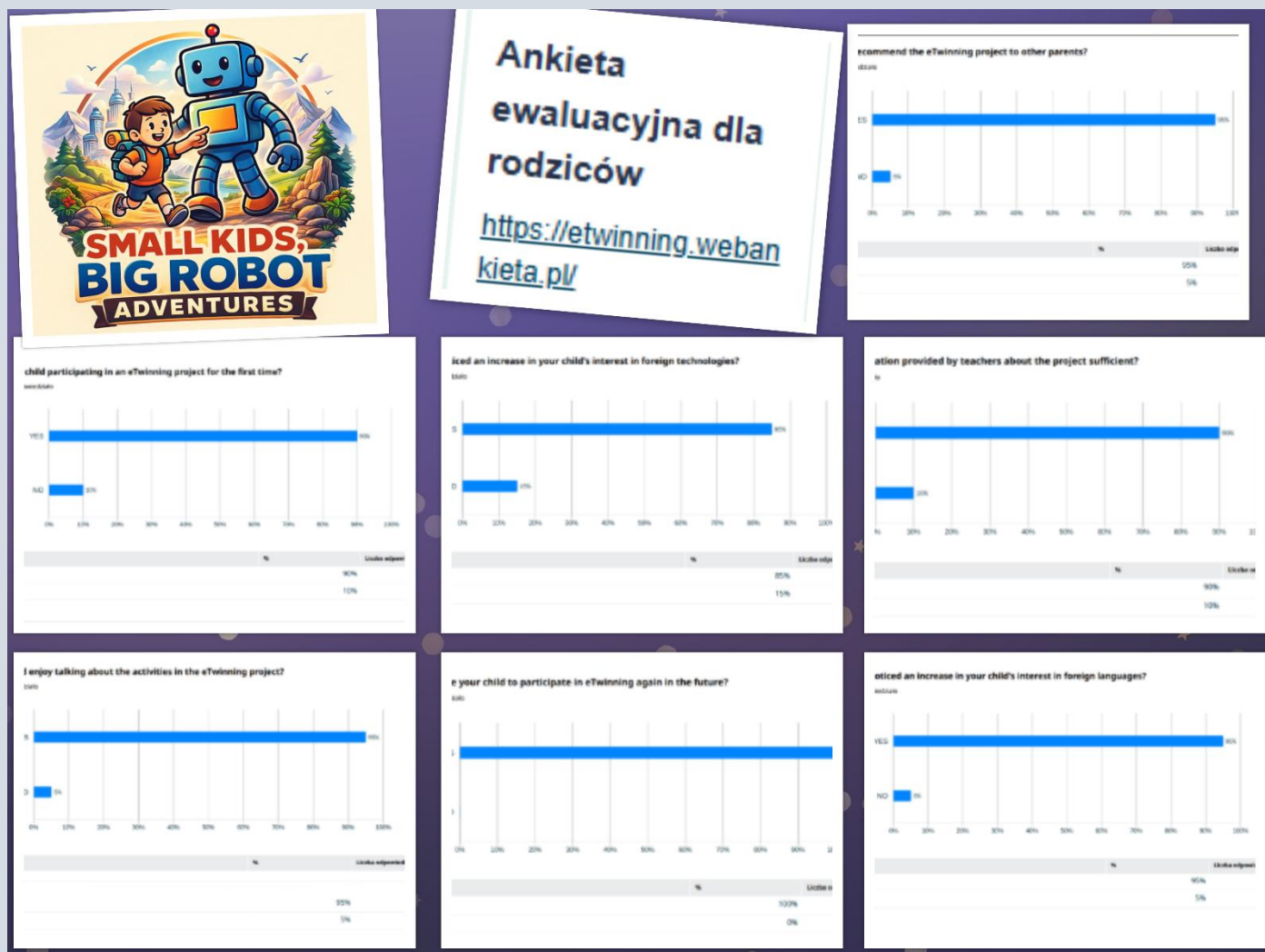
Survey Results Summary

- Did you like the eTwinning project?
100% of the students answered 'Yes'.
- Did you like the coding activities?
100% of the students answered 'Yes'.
- Did you like working with your classmates?
98.1% of the students answered 'Yes', while 1.9% answered 'No'.
- Was it fun meeting students from different countries?
100% of the students answered 'Yes'.
- Would you like to learn more coding?
100% of the students answered 'Yes'.

Conclusion

The survey results show a very high level of student satisfaction with the eTwinning project. Students especially enjoyed the coding activities, collaboration with classmates, and interaction with peers from different countries. The results clearly indicate a strong interest in continuing learning activities related to coding in the future.

11.2 Family final test



eTwinning Project Evaluation – Survey Results Analysis

The evaluation survey was conducted among parents of students participating in the eTwinning project. A total of 20 respondents took part in the survey, representing 100% of the target group. The aim of the survey was to gather parents' opinions on the implementation of the project and its impact on students' development.

For 90% of the respondents, their child's participation in an eTwinning project was a **first-time experience**, which confirms that the project successfully introduced students to international project-based learning. At the same time, 95% of parents reported that their children willingly talked about the project activities, indicating a **high level of student engagement** and the attractiveness of the planned tasks.

The results show a significant educational impact of the project. 95% of parents noticed an increased interest in **foreign languages**, while 85% observed a greater interest in **digital technologies**. These findings confirm that the project effectively supported the development of **language and digital competences**, in line with the objectives of the eTwinning programme.

Communication provided by the teachers was evaluated very positively, with 90% of parents stating that the information about the project was sufficient. Importantly, 100% of respondents declared that they would like their child to participate in eTwinning projects again in the future, and 95% would recommend the project to other parents.

In conclusion, the survey results clearly indicate that the eTwinning project was **very well received by parents** and successfully met its educational goals. The project contributed to increasing students' motivation to learn foreign languages, developing digital skills, and fostering positive experiences related to international cooperation. The obtained results justify the **continuation and further development** of eTwinning project activities in the future.

12. PROJECT FINAL PRODUCTS

12.1 Our Project Book



<https://heyzine.com/flip-book/663b6a507f.html>

12.2 Our Project Story Book



Beep the Robot Learns to Code



Epilogue

Beyond the knowledge gained, the true added value of this program lies in the acquisition of intercultural experiences. Through a wonderful digital journey, participants explored diverse perspectives, connected across borders, and discovered new ways of thinking and collaborating. This virtual exchange became a bridge between cultures, enriching understanding, empathy, and global awareness—proof that meaningful journeys do not always require physical travel, but an open mind and a shared digital space.



Coding together... FOREVER