

Riga State Technical School coordinate Erasmus + project
“Effective dialogue methods among the millennium generation and the teachers, employers”
Project nr. 2018-1-LV01-KA202-046990
Co-funded by the Erasmus+ Programme of the European Union

“Millennials and Post-Millennials: Challenges and Opportunities for Teachers and Employers”

Testing of teaching methods in Vocational Education Competence Centre "Riga State Technical School" (RSTS)

There were 11 methods tested in RSTS. All methods were tested by teachers: Lasma Balceraite, Anastasija Soloveičika, Baiba Purlica and Madara Pētersone. They tested such methods:

Country	Method	Author
Slovenia	Authentic problem solving	Denise Beltram
	The cross-curricular connection between the English language and the Information communication technology. The English and the ICT teacher team teach how to efficiently use online monolingual (here: English-English) dictionaries. Team-teaching takes place in the ICT classroom. The learning content is to be found in the Moodle environment.	Denise Beltram, Nives Čotar
	The strategy on how to use a printed, monolingual (English- English) dictionary	NIVES ČOTAR
Latvia	”My value shield”	Baiba Purlica
	Active learning method - „Explore Terminology”	Lasma Balceraite
	„Smart Goal”	Rebeka Grīnfelde
Finland	Group evaluation of customer service or sales of shops	Bryan Roberts
	Pools on current affairs	Jukka Hakala
Bulgaria	Tell a photo story using your smartphone in class	Siya Mihaylova
	Visual art and film in the classroom	Irena Vrazhitorova
	Whose memory is it?!	Zornitsa Staneva

The teachers were asked to answer on such questions:

1. What do you like about the method?
2. What subject did you use the method in?
3. What would you improve in the method?
4. Do you consider that the students were more motivated based on your use of the method?
5. Would you recommend the method to colleagues teaching other subjects?
6. What other subjects do you see this method implemented into?
7. Would you use this method again?
8. Do you need additional support for implementing methods of this kind?

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The teachers filled out the questionnaires in the [google.com/forms](https://www.google.com/forms).

The students were asked to answer on a three questions:

1. What do you like about the activity? (open ended question)
2. What other subjects would you like this activity to be used in? (open ended question)
3. Does this activity motivate you to learn? yes –no- maybe

The students filled out the questionnaire forms on web page of [menti.com](https://www.menti.com).

METHOD:”MY VALUE SHIELD”

Teacher’s comments:

1. What do you like about the method?- we got a lot of interesting information about each other. Application of the method caused positive emotions.
2. What subject did you use the method in? –Chemistry;
3. What would you improve in the method? –It does not need any improvements;
4. Do you consider that the students were more motivated based on your use of the method? – I don’t think so. The application of the method does not effected the level of motivation of the students;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – upbringing lesson
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No, it was not necessary.

Students feedback:

1. What do you like about the activity? (open ended question)

- I liked that I could see myself from different point of view
- I liked the activity;
- nothing;
- I think it is good idea to know myself;
- It was interesting;
- It was interesting to speak frankly about myself;
- It was interesting;
- Very good, interesting;
- I liked;
- Good
- I did not like the activity

2. What other subjects would you like this activity to be used in? (open ended question)

- History;
- Math;
- upbringing lesson;
- No one;
- chemistry;
- History;
- upbringing lesson;
- Economy
- In all subjects;
- upbringing lesson;
- upbringing lesson;

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3.Does this activity motivate you to learn? yes no maybe

2 – yes, 2-no, 7-maybe

METHOD:”WHOSE MEMORY IS IT?!”

Teacher’s comments:

1. What do you like about the method?- it was interesting method. The students with passion did the task.
2. What subject did you use the method in? –Chemistry;
3. What would you improve in the method? –It does not need any improvements;
4. Do you consider that the students were more motivated based on your use of the method? – This method is not useful in the subject of Chemistry. Method is useful in a social subjects
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – upbringing lesson and a social subjects;
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No. it was not necessary.

Students feedback:

1.What do you like about the activity? (open ended question)

- I liked because I was able to work with my favorite pictures
- I liked everything;
- fun;
- I liked to tell;
- It was interesting;
- It was interesting;
- It was interesting;
- Very good, interesting;
- I liked;
- Good
- It was interesting;

2.What other subjects would you like this activity to be used in? (open ended question)

- Biology;
- Math;
- Economy;
- upbringing lesson;
- English language lesson;
- economy;
- upbringing lesson;
- Economy
- history;
- upbringing lesson;
- upbringing lesson;

3.Does this activity motivate you to learn? yes no maybe

4 – yes, 3-no, 4-maybe

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METHOD:”POOLS ON CURRENT AFFAIRS”

Teacher’s comments:

1. What do you like about the method?-I liked that students were interested to create questions concerning with actual topics. I liked to watch how students compete with each other with right answer.
2. What subject did you use the method in? –Organization of office work;
3. What would you improve in the method? –may be it would be good to set a list of topics in order students would be able to choose one of them.
4. Do you consider that the students were more motivated based on your use of the method? – Yes, students became more motivated;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – the method is useful in almost all subjects. Moreover there are a lot of interesting topics in an every subject and the students are able to prepare questions concerning with them.
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No. it was not necessary.

Students feedback:

1.What do you like about the activity? (open ended question)

- I liked to prepare questions for my classmates. It was something new;
- It was cool;
- Good;
- Super;
- Cool;
- It was interesting to watch other classmates how they are working;
- It was interesting, I find out interesting information on what is new in my favorite profession;
- Very good, interesting;
- I liked;
- Good
- I did not like the activity
- Cool;

2.What other subjects would you like this activity to be used in? (open ended question)

- History;
- Economy and history;
- In all subjects;
- No one;
- In all subjects we can prepare questions;
- History;
- Communication skill and the processes of offices;
- History;
- Economy
- Economy
- Economy
- In all subjects;

3.Does this activity motivate you to learn? yes no maybe

11 – yes, 1-no, 0-maybe

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METHOD:”GROUP EVALUATION OF CUSTOMER SERVICE OR SALES OF SHOPS”

Teacher’s comments:

1. What do you like about the method? - the students liked to do the task independently. The students were able to repeat knowledge.
2. What subject did you use the method in? – basic business processes of the organization;
3. What would you improve in the method? –the method is very good. May be it was useful to integrate self-assessment of students concerning with done job and spent time on the job;
4. Do you consider that the students were more motivated based on your use of the method? – Yes, students liked to watch and analyze the work of specialists of customer service and points of sale;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – the method is applicable in the subjects that include topics of marketing, client service, sales etc.
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No. it was not necessary.

Students feedback:

1.What do you like about the activity? (open ended question)

- I liked the idea;
- I liked everything but it was difficult for me to find shops;
- It was good but there was not enough time to finish it;
- Very good experience. I got to know more about the point of sales, custom service;
- Everything was good;
- It was creative task;
- I like to attend the shops, I liked it
- Very good, interesting;
- I liked;
- Good

2.What other subjects would you like this activity to be used in? (open ended question)

- All subjects – practical approach to get new knowledge;
- Economy;
- In all subjects;
- History;
- In many subjects: economy, documentation, language lessons;
- History;
- In all subjects;
- History;
- In all subjects;
- History

3.Does this activity motivate you to learn? yes no maybe

7 – yes, 1-no, 2-maybe

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METHOD:”AUTHENTIC PROBLEM SOLVING”

Teacher’s comments:

1. What do you like about the method?- the students reached better results comparing with the planned results.
2. What subject did you use the method in? – Accounting
3. What would you improve in the method? –maybe it would be worth to divide students into groups of 3 students;
4. Do you consider that the students were more motivated based on your use of the method? – Yes, students presented the results and after that they find out willingness to continue work based learning exactly in this field;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? –marketing, economy, management
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No.

Students feedback:

1.What do you like about the activity? (open ended question)

- I liked this task. It was unusual task;
- Everything was good;
- I liked
- The task was difficult but interesting, I suppose it necessary to implement some restrictions;
- I liked
- Good
- The task was difficult
- It was interesting to seek information, to plan and to make conclusions;
- It was creative task;
- Everything was good;
- It was creative task;
- The task was useful;
- Very good, interesting;
- I liked;
- Good

2.What other subjects would you like this activity to be used in? (open ended question)

- All subjects, except Math;
- Marketing;
- In all subjects;
- History;
- In many subjects: economy, documentation, language lessons;
- economy;
- In all subjects;
- Marketing;
- In all subjects;
- Economy

3.Does this activity motivate you to learn? yes no maybe

11 – yes, 2-no, 3-maybe

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METHOD:”THE STRATEGY ON HOW TO USE A PRINTED, MONOLINGUAL (ENGLISH- ENGLISH) DICTIONARY”

Teacher’s comments:

1. What do you like about the method?- the method helped develop skills of searching information and get better understanding of a different notions.
2. What subject did you use the method in? – taxes
3. What would you improve in the method? –there is nothing to improve
4. Do you consider that the students were more motivated based on your use of the method? – Yes, students used a dictionaries of English and Russian and Latvian. It helped to explore notions in other languages;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? –economy and in different professional subjects.
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No.

Students feedback:

1.What do you like about the activity? (open ended question)

- Very nice activity, easy way to learn different languages and the terms
- It was fun and educational;
- I liked that I could do something in the subject in English cause it’s easier for me to understand and more fun;
- nothing;
- I didn’t like, it took long time and it was tiring;
- This task was difficult for me because I am not good in languages. Otherwise it was interesting;
- It was fun
- There isn’t much I liked about it. it took a lot of time. But it was good to learn new words in English and Russian
- I got to know new notions and how some of them are connected;
- It helps to get to know new words;
- It was different way of learning
- I learned new notions
- It was fun
- It was interesting and educational;
- Good
- I learned new notions
- I got to know new notions
- It was not useful
- I liked that;

2.What other subjects would you like this activity to be used in? (open ended question)

- History;
- Math
- In most of subjects which we have;
- I guess it would be nice to have a similar activity in Marketing;
- It is not necessary;
- In language lessons;
- In the subjects that involve terminology;
- sport;
- In all subjects;

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- Economy
- In language lessons;
- In all subjects;
- In all subjects;
- Economy
- In language lessons;
- In language lessons;
- Economy;
- Marketing;
- Client service

3.Does this activity motivate you to learn? yes no maybe

7 – yes, 2-no, 10-maybe

METHOD:”VISUAL ART AND FILM IN THE CLASSROOM ”

Teacher’s comments:

1. What do you like about the method?- I liked that students learned and got new information in an interesting and creative way. They had to find out what (music, people, fashion etc.) was typical in every stage of marketing.
2. What subject did you use the method in? – Marketing
3. What would you improve in the method? –there is nothing to improve
4. Do you consider that the students were more motivated based on your use of the method? – Yes, students were interested to do the task and there became more motivated;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? –economy, history, geography, English and Latvian lessons, literature;
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? – No.

Students feedback:

1.What do you like about the activity? (open ended question)

- It was interesting;
- It was interesting to watch classmates presentations;
- it was creative task;
- it gave opportunity at the same time to learn and to get new information;
- I liked doing presentations, I totally enjoyed doing the task;
- It was fun and I liked to get new information and to talk about it;
- Very good;
- It gave possibility to compare the differences in the different stages
- I totally enjoyed doing the task;

2.What other subjects would you like this activity to be used in? (open ended question)

- Economy;
- Accounting and economy;
- Math;
- English;
- Accounting and economic;
- Math;
- Customer service;
- Customer service;
- Economy;

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3. Does this activity motivate you to learn? yes no maybe

5– yes, 0-no, 4-maybe

METHOD:” The cross-curricular connection between the English language and the Information communication technology. The English and the ICT teacher team teach how to efficiently use online monolingual (here: English- English) dictionaries. Team- teaching takes place in the ICT classroom. The learning content is to be found in the Moodle environment.”

Teacher’s comments:

1. What do you like about the method?- I liked this method because I could get to know the dictionary and terms in English
2. What subject did you use the method in? – Logistics, Basic processes of the organization;
3. What would you improve in the method? – I propose to use this method not only with English dictionary, but also with Latvian dictionary;
4. Do you consider that the students were more motivated based on your use of the method? – It was quite difficult for the students because nothing had been done before, but they were interested in learning something new.
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – I think that this method can be used in all subjects where definitions and terms are used, in English lessons
7. Would you use this method again?- No
8. Do you need additional support for implementing methods of this kind? –No

Students feedback:

1. What do you like about the activity? (open ended question)

- The task was difficult for me but at the same time it was interesting;
- The difficult task;
- It was interesting;
- It is useful;
- I was interesting
- At the beginning it seems to be very hard but appears I have done everything very well;
- The task was difficult
- It was interesting;
- Interesting
- I liked

2. What other subjects would you like this activity to be used in? (open ended question)

- In English lesson;
- In English and economy;
- In English lesson;
- In English lesson;
- In Economy, documentation, English;
- In English lesson;
- In English lesson;
- In English lesson;
- In English lesson;
- In English lesson.

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3.Does this activity motivate you to learn? yes no maybe

8– yes, 0-no, 2-maybe

METHOD:” ACTIVE LEARNING METHOD – EXPLORE TERMINOLOGY”

Teacher’s comments:

1. What do you like about the method?- In this method, I liked the fact that young people were able to get to know the terminology in English.
2. What subject did you use the method in? – Logistics, Basic processes of the organization;
3. What would you improve in the method? – I did not improve anything in the method because it is complete
4. Do you consider that the students were more motivated based on your use of the method? – The students were interested in researching and translating terms as well as seeking explanations
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? – I think that this method can be used in all subjects where definitions and terms are used.
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? –. No

Students feedback:

1.What do you like about the activity? (open ended question)

- Yes, I liked it;
- Yes, very liked;
- Yes, very liked;
- I liked, it was creative task;
- I liked opportunity to work in groups;
- I liked very much, I was able to think and to be creative;
- It was interesting;
- Very good;
- I liked;
- Interesting

2.What other subjects would you like this activity to be used in? (open ended question)

All students answered - in all subjects; In all subjects because it was easy and interesting

3.Does this activity motivate you to learn? yes no maybe

7– yes, 0-no, 3-maybe

METHOD:” TELL A PFOTO STORY USING YOUR SMARTFONE IN CLASS”

Teacher’s comments:

1. What do you like about the method?- I liked that students did the task with a passion and they were creative;
2. What subject did you use the method in? – Logistics;

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3. What would you improve in the method? – Maybe it would be useful to determine some guidelines –how to make photo story and to set some criteria in order to evaluate these presentations;
4. Do you consider that the students were more motivated based on your use of the method? – Yes, absolutely. It was very interesting for students;
5. Would you recommend the method to colleagues teaching other subjects? - Yes
6. What other subjects do you see this method implemented into? –in all subjects.
7. Would you use this method again?- Yes
8. Do you need additional support for implementing methods of this kind? –No

Students feedback:

1.What do you like about the activity? (open ended question)

- I liked everything
- Very well;
- To work with friends;
- I like to make photos;
- I like opportunity to work with other classmates;
- I liked very much, I was able to think and to be creative;
- It was interesting, we talked even about personal and private aspects of life;
- Very good, interesting;
- I liked;
- Interesting

2.What other subjects would you like this activity to be used in? (open ended question)

- documentation;
- history;
- In all subjects;
- Social subjects;
- In all subjects;
- Safety of humans and work;
- Communication skill and the processes of offices;
- History;
- Economy
- In all subjects;

3.Does this activity motivate you to learn? yes no maybe

8– yes, 0-no, 2-maybe