



## Project “Activating Students in Online Classes”

2020-1-PL01-KA226-HE-096358

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### 1. Demo scenario title: The EU in numbers. Facts about demographics

### 2. Year of the beginning of implementation: 2022

### 3. The aims of class:

1. Students consolidate their knowledge about the EU population.
2. Students become aware of the challenges related to changes in the EU population.
3. Students deepen their ability to work in a group.

### 4. Substantial description.

#### 4.1 Reasons to decide to use and apply a flipped methodology

- Developing independent students' thinking.
- Developing students' critical thinking.
- Increasing their capacity for solving problems.
- Improving communication with students.
- Increasing interest to the given course.
- Applying knowledge in practice.
- Providing more time for active learning activities.
- Developing spirit of cooperation among students.
- Restructuring the course.
- Consolidating students' knowledge about the demography in the EU.
- Developing the spirit of cooperation among students.
- Deepening students' ability to work in a group.

#### 4.2. Support materials or assignments for the pre-class

Students prepare for the class by:

1. Watching a lecture recorded for them. Link:
2. Reading the article. Link: [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Population\\_and\\_population\\_change\\_statistics#EU\\_population\\_shows\\_a\\_slight\\_decrease\\_in\\_2020](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Population_and_population_change_statistics#EU_population_shows_a_slight_decrease_in_2020)





## Project “Activating Students in Online Classes”

2020-1-PL01-KA226-HE-096358

---

### 4.3. Activities during the class

Class is held in real-time. The teacher starts a meeting in a team created for the needs of MS Teams class.

Students are divided into groups of four:

#### 1. Work in groups: **Top 10 facts.**

**Description:** Students in groups discuss and choose the ten most crucial information they have remembered from the lecture they saw and the article they read. While working, students can open the article or the lecture on their mobile devices. Each group records its top 10 on a virtual whiteboard (e.g., app Explain Everything) by using mobile devices. During the class, the teacher sends the students a link to it. In the second part of the exercise, students present the facts they wrote down. The first one shows all of them, the rest only those that have not been presented so far. Thus, the same information is not repeated. All previously-recorded facts are displayed.

**What you need:** create an account in the free application e.g. Explain Everything (<https://explaineverything.com/>), make the whiteboard.

**Duration:** 15 minutes.

#### 2. Work in groups: **Let's play.**

**Description:** Students create a quiz consisting of some single-choice questions (e.g., 5). This quiz is made, for example, by a free Quizizz application (<https://quizizz.com/>) using mobile devices. In the second part of the exercise, groups of students (or students) take part in quizzes prepared by their colleagues. Each group sends colleagues a link to their quiz. Quizizz scores points for correct answers and time – so whoever gets faster is better. All quizzes are displayed.

**Duration:** 25 minutes.

#### 3. Individual work: **Challenges.**

**Description:** Students individually reflect on the biggest challenges for the EU and member state governments related to the population and its changes. Each student





## Project “Activating Students in Online Classes”

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can come up with several challenges. They save them anonymously in an online one-slide presentation created, for example, in the free Mentimeter application. During the class, the teacher sends the students a link to it. The presentation is displayed.

**What you need:** create an account in the free application Mentimeter (<https://www.mentimeter.com/>), make the one slide presentation.

**Duration:** 10 minutes.

### 4. Work in groups: **Pyramid of challenges.**

**Description:** Students choose from the list from the previous exercise the ten most significant challenges in their opinion. Then they rank them according to their importance. Then they write them down on a second whiteboard (e.g., Explain everything) prepared by the teacher. During the class, the teacher sends the students a link to it.

**What you need:** create an account in the free application e.g. Explain Everything (<https://www.mentimeter.com/>).

**Duration:** 10 minutes.

### 5. Work in groups: **Solutions.**

**Description:** Students in groups figure out what the EU and national governments should take to prevent population-related negative phenomena. Then they submit them to the rest of the participants. After the presentation, there is a discussion on the indicated proposals - their legitimacy and chances for implementation.

**Duration:** 25 minutes.

### 6. Exercise: **What do I remember?**





## Project “Activating Students in Online Classes”

2020-1-PL01-KA226-HE-096358

**Description:** At the end of the class, they take turns talking and telling what they remember most during the class. It might be facts about the population, or it might also be their impressions of working in groups, etc.

**Duration:** 5 minutes.

**4.4** Post-class activities during the class (Q&A session, discussions on the students' homework and their responses to the questions, small tests, etc.)?

1. After class, students will record a maximum 5 minutes statements about the challenges they believe are facing the EU in terms of demography.
2. After the class, a Q&A session will be held in the team formed at MS Teams. Students will have the opportunity to ask additional questions about the aging of society. Then the teacher will answer the questions asked.
3. After the class, students will write an essay on consequences there will be a change in society in Poland (e.g., A4 page, Times New Roman, 12).
4. After the class, students will write down ten facts on the virtual whiteboard Explain Everything, their opinion, essential facts about the EU demography (<https://explaineverything.com/>).
5. After class, students write down keywords related to the EU demography in a team conversation in MS Teams. Everyone writes 5.

After class, the teacher in a team conversation in MS Teams links to individual exercises. Students post recordings and essays to Files in a team in MS Teams.

## 5. Innovative teaching methods used within the flipped classroom.

**5.1.** *Each demo scenario be required to demonstrate innovative methods.*

- Recording mini-lecture in video format.
- Working in small groups: Top 10 facts, Let's play, Pyramid of challenges, Solutions.
- Individual exercise: Challenges, What do I remember?.
- After class individual exercise: recordings, Q&A session, essay, ten facts, keywords





## Project “Activating Students in Online Classes”

2020-1-PL01-KA226-HE-096358

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- All the materials are available online.

### 6. Online tools used within the flipped classroom.

#### 6.1 Microsoft Teams.

For the course, a team will be created in MS Teams. Its members will be students and a teacher. It will serve as a place of communication between students and the teacher.

#### 6.2 Other online learning platforms such as:

- Prezi software ([www.prezi.com](http://www.prezi.com)),
- Quizizz (<https://quizizz.com/>),
- Explain everything (<https://explaineverything.com/>).
- Mentimeter (<https://www.menti.com/>).

### 7. Impact on the outcomes of a particular group of students/teachers (individual teacher's conclusions).

**7.1.** What are the teacher's conclusions on using the flipped method in terms of its effects on students' learning?

- having more time in class to deepen the student understanding,
- more personal interaction with different students – more or less advanced,
- improved communication with students,
- establishing a deeper relationship with students,
- adjusting the pace of classes to the needs of all students.

**7.2.** How the students' opinions were collected – through quantitative questionnaire, focus groups, etc.?

#### **Class is evaluated.**

The evaluation of the classes will take place in the Mentimeter application. The teacher will send the students a link to the in a team conversation in MS Teams:

<https://www.menti.com/amfiytusam>.



## Project “Activating Students in Online Classes”

2020-1-PL01-KA226-HE-096358

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### 8. Links to the website and any material related to this activity (visual, text, others).

[https://prezi.com/p/ko1zv0vwwm\\_s/?present=1](https://prezi.com/p/ko1zv0vwwm_s/?present=1)

[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Population\\_and\\_population\\_change\\_statistics#EU\\_population\\_shows\\_a\\_slight\\_decrease\\_in\\_2020](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Population_and_population_change_statistics#EU_population_shows_a_slight_decrease_in_2020)

<https://quizizz.com/>

<https://explaineverything.com/>

<https://www.mentimeter.com/>

### 9. Contact details

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