

Europeana Learning Scenario

Title

Radio stories

Author(s)

Theodora S. Tziampazi

Abstract

This learning scenario combines two European communities ([European School Radio](#) and [Teaching With Europeana](#)) to encourage students to learn about the radio and gain some experience from creating and participating in radio productions. Particularly, kids create collaboratively a [song](#) and participate in a radio show. Besides, they search, organize and visualize information about the radio, while they envision its evolution in the future. They are urged to think critically over the role of radio in our life and our need for communication and expression through media and communities.

Keywords

radio, history of radio, song, radio show, European communities

Table of summary

Table of summary

Subject	Language, Music, ICT, Arts, English
Topic	Radio
Age of students	11-12
Preparation time	4 hours (for the creator-There is no need for much preparation for anyone who is going to apply it partly. See more on Teacher's Remarks.)
Teaching time	16 hours (It may take around 5 hours for the implementer. See more on Teacher's Remarks.)
Online teaching material	http://www.youtube.com/ https://www.tiki-toki.com/
Offline teaching material	Paper, coloring pens, a musical instrument (I used a ukulele), worksheets
Europeana resources	Radio Nikola Tesla 2 – Changing Frequency



used

[Analog Radio](#)

[Produktfoto av en radio](#)

[search for ραδιογραμμόφωνο](#)

[B&O Master de Luxe 513 K Radio AM-FM](#)

[bolig](#)

[Elforsyning, reklame, B & O radio](#)

[En liten jente sitter i en stol og en Radionette radio står på en liten hylle bak henne](#)

Licenses

- **Attribution CC BY.** This license lets others distribute, remix, tweak, and build upon your work, even commercially, as long as they credit you for the original creation. This is the most accommodating of licenses offered. Recommended for maximum dissemination and use of licensed materials.

Integration into the curriculum

Greek national curriculum allows space for interdisciplinary and thematic projects. In particular, the Greek language course book for the 6th grade includes a unit titled “Devices” and an activity asking students to research the history and the evolution of a device (e.g. radio).

Aim of the lesson

By the end of the lesson, students are expected to gain more knowledge about the radio, make a radio production (a song), participate in a radio show and think critically about the role and the future of radio.

Outcome of the lesson

Students will produce a song, a poster, a digital timeline and a triptych. They will engage in discussions about aspects of radio.

Trends

Project-based learning, collaborative learning, learning materials: shift from textbooks to web resources

21st century skills

Information, Media and Technology Skills, Learning & Innovation Skills- 4 Cs (Critical Thinking, Communication, Collaboration, Creativity)

Activities

Name of activity	Procedure	Time
Broadcasting in European School Radio- Making a production	<p>The song contest “Make it Heard 2020” with the so-called theme “Sending out an SOS – We embrace earth”, organized in the context of the 7th Student Radio Festival and the European School Radio, ignited an authentic project that brought us closer to the world of radio as creators of radio content. Students and teachers cooperated to write the lyrics of a song, to compose, sing and record it. The result is a song titled “There is no planet B” and it was our school’s entry for the contest. The work is accompanied with visualization in a video clip. In the description below the video you will find more information about the lesson planning of this project and acknowledgements to my colleagues I cooperated with to implement it.</p>	10 hours
Critical Listening	<p>What is more, our school took part in the evaluation of the songs, since the organization team provided pilot supportive material, teaching suggestions and rubrics to engage students in critical listening. A sample of the criteria tested and students’ voting after listening to other schools’ entries is in the Annex. It was also a chance for kids to find averages (math). This activity was facilitated by the teacher of Music.</p>	1 hour
Grabbing attention- a glimpse at the past	<p>This is a bridge activity taking our experience from the previous project as a gate to delve into the world of radio, using digital cultural heritage. In other words, it is a bridge from one European community (European School Radio) to another (Teaching With Europeana). Students are not aware of this turn in advance (like “Now, kids, we will learn about radio”), since the teacher wants to pitch a bit of surprise in this part. The present activity gives stimuli to make connections.</p> <p>Two sound files from Europeana are played and students are asked to realize/guess what they listen to.</p> <p>1st sound 2nd sound</p> <p>Unless students solve the riddle (it is likely they won’t), they are informed that these are changes between radio frequencies. Next, they compare them to the way we now change stations in our smartphone, laptop, car.</p> <p>Next, few Europeana images are shown without info or titles visible:</p> <p>What kind of furniture is this?</p>	10 mins

	<p>or one of these?</p> <p>Again, they are informed about the identity of these objects.</p>	
Triptych	<p>How will radio evolve in the future? Students imagine futuristic evolution of radio or this invention in the context of our integrated media in the era of the Internet, smart devices...</p> <p>They are given a triptych with past and present versions of radio and are challenged to fill in the third part, the future version.</p> <p>The “past” part has a Europeana image of a vintage radio.</p> <p>The “present” part has a screenshot of a radio app. The worksheet is put in the annex.</p>	20 mins
History of Radio	<p>The class is divided into groups to make a presentation about how radio has changed over time. They engage in a digital literacy activity of creating a timeline in https://www.tiki-toki.com/. They are free to make their research, but this is a couple of suggested materials (this article or this work done by other students).</p>	3 hours
On air	<p>Students are invited to talk on air (live) or record themselves in a podcast to give interviews about their experience in making the song. The teacher also talks in a local radio station to disseminate the project.</p>	20 mins
Radio feeling: Then and Now	<p>This is an activity about exploring the social, psychological, recreational dimensions of listening to radio.</p> <p>Then...: Europeana has some interesting vintage images to present to the class: Image 1 Image 2 Image 3</p> <p>Students are encouraged to comment on them.</p> <p>.... and now: Students are asked to take a look at the homepage and the ‘about’ section of European School Radio. They navigate the site and discuss in pairs.</p> <ul style="list-style-type: none"> • What are the keywords that would describe the experience of ESR? • What is the feeling you get and how can you compare it to the feeling depicted in the previous images? <p>Now, they create a poster containing keywords and drawings reflecting the radio feeling (e.g. company, fun, music, excitement, communication...).</p>	30 mins
Reflection: Communities and Communicati	<p>This is a final discussion about questioning our tools and resources drawn from two European educational communities.</p> <ul style="list-style-type: none"> • How important is the message of our song? • How does it feel to publish it, see it republished in local mass media 	20 mins

on for Change	<p>and accept comments from many listeners?</p> <ul style="list-style-type: none"> ● Did you have curiosity about knowing other kids' work? ● How important it is to take part in such collaborative spaces? ● Do you find it useful to navigate in a cultural heritage site and learn about the past? ● Do you find useful the fact that what we have produced is going to be shared with other teachers? <p>Kids are free to express themselves and think critically about the context and the prospects of this LS.</p>	
----------------------	--	--

Assessment

The assessment is reflected on the authentic products students create and finalize and on the discussions taking place in the classroom to evaluate each team's contribution. During the creation of the products lots of formative assessment is applied extensively, while iterating and improving the material under construction. "Let's change this phrase" (writing lyrics), "It does not work, let's change the number to synchronize it" (programming the animation in Scratch).

***** AFTER IMPLEMENTATION *****

Student feedback

Students took decisions throughout every step of the song composition and video. They were excited and active during the project, since they considered it meaningful. Still, they do not miss a chance to promote their song and sing it loud. Also, they were curious about the communities we joined. The final reflection phase gives them space to provide their feedback.

Teacher's remarks

Drawing upon resources related to initiatives strengthening a sense of belonging to a (national, European, international) community has been a goal for my teaching practice. Additionally, the experience presented above, starts from a project situated in a certain time-space serendipity that, at some point, was extended to further exploration of the topic of radio. For those who would be inspired to implement this LS, I recommend that they either select some activities that stand alone, not depending on the specific context-contest, or find similar opportunities to replace our participation in the song contest with another radio show (or even a song not necessarily made for a contest). As a teacher I had the pleasure to cooperate with enthusiastic teachers in activities 1 and 2 without whom the results would not be the same (Yannis Vamvakas, Antonia Vacharakidou). Unfortunately, part of the scenario was just designed and not implemented due to the closure of schools in the shadow of COVID-19.

About the activity “Triptych”: While we were going through the “social (or better physical) distancing” period, I invited my students to share their ideas via e-mail. Some of them took a photo with a written text and some typed it on a word processor. One of them experimented in creating a presentation file. They, also, sent pictures of imaginary radios or special radios they had in their house (look at the Annex).

Another action towards keeping online contact is not so related with this LS, but I think it would be useful to mention it here, since it was a warm-up activity to keep them positive in quarantine and suggest an easy and collaborative digital tool before getting to ask them to share their future radio ideas. Had these ideas not been preceded by such a smooth introduction (you can check it [here](#)), they might not have been so numerous and inspiring.

About the Europeana DSI-4 project

[Europeana](#) is Europe’s digital platform for cultural heritage, providing free online access to over 53 million digitised items drawn from Europe’s museums, archives, libraries and galleries. The Europeana DSI-4 project continues the work of the previous three Europeana Digital Service Infrastructures (DSIs). It is the fourth iteration with a proven record of accomplishment in creating access, interoperability, visibility and use of European cultural heritage in the five target markets outlined: European Citizens, Education, Research, Creative Industries and Cultural Heritage Institutions.

[European Schoolnet](#) (EUN) is the network of 34 European Ministries of Education, based in Brussels. As a not-for-profit organisation, EUN aims to bring innovation in teaching and learning to its key stakeholders: Ministries of Education, schools, teachers, researchers, and industry partners. European Schoolnet’s task in the Europeana DSI-4 project is to continue and expand the Europeana Education Community.

Annex

2nd activity-evaluation sheets (found [here](#))

Ακούω κριτικά και αξιολογώ τους συνομηθεις μου



Ακούστε προσεκτικά τα τραγούδια της κατηγορίας στην οποία διαγωνίζεται το σχολείο σας και αξιολογήστε τα με βάση τα παρακάτω κριτήρια. (Βαθμολογήστε με κλίμακα 1 – 5 με άριστα το 5)

Μέσος όρος
 3,1 + 4 + 3 = 10
 10 / 3 = 3,3

Αριθμός Συμμετοχής	Κριτήρια Βαθμολογίας (από 1 έως 5)					Μέσος Όρος
	Στίχος	Σύνθεση	Ερμηνεία	Ποιότητα ήχου	Συνολικός τελικός αντίκτυπος	
1	2	3	2	1	2	2,6
2	3	3	3	4	3	3,0
3	1	2	2	2	2	2,2
4	4	2	2	2	2	2,2
5	5	4	5	4	5	4,6
6	3	4	4	3	3	3,3
7	4	3	3	2	3	3,0
8	4	3	3	2	3	3,0
9	4	3	3	2	3	3,0
10	4	3	3	2	3	3,0



Φύλλο Αξιολόγησης Τραγουδιών

2020
 Κάν' το ν' ακουστεί!

Η γνώμη μου έχει αξία!

Ακούω κριτικά και αξιολογώ τους συνομηθεις μου



Ακούστε προσεκτικά τα τραγούδια της κατηγορίας στην οποία διαγωνίζεται το σχολείο σας και αξιολογήστε τα με βάση τα παρακάτω κριτήρια. (Βαθμολογήστε με κλίμακα 1 – 5 με άριστα το 5)

Αριθμός Συμμετοχής	Κριτήρια Βαθμολογίας (από 1 έως 5)					Μέσος Όρος
	Στίχος	Σύνθεση	Ερμηνεία	Ποιότητα ήχου	Συνολικός / τελικός αντίκτυπος	
1	1	3	3	4	3	2,8
2	4	3	3	3	3	3,3
3	2	3	3	3	3	3,0
4	4	3	3	3	3	3,3
5	3	3	3	3	3	3,0
6	3	3	3	3	3	3,0
7	3	3	3	3	3	3,0
8	3	3	3	3	3	3,0
9	3	3	3	3	3	3,0
10	3	3	3	3	3	3,0

Μέσος όρος: 3,6



Οδηγίες για να μπούμε να ακούσουμε τα τραγούδια:

- Σκάνουμε με κινητό ή tablet τον παραπάνω κωδικό QR. Εναλλακτικά, εάν θέλουμε να δουλέψουμε από υπολογιστή, ανοίγουμε κάποιον φυλλομετρητή (πχ chrome) και κατόπιν πηγαίνουμε στα διεύθυνα: <http://europeanachoolsite2020.eu/castnet2020>
- Διαλέγουμε την επιλογή "Έγμαι ραβδιστές", και συμπληρώνω τον κωδικό του σχολείου μας 769557

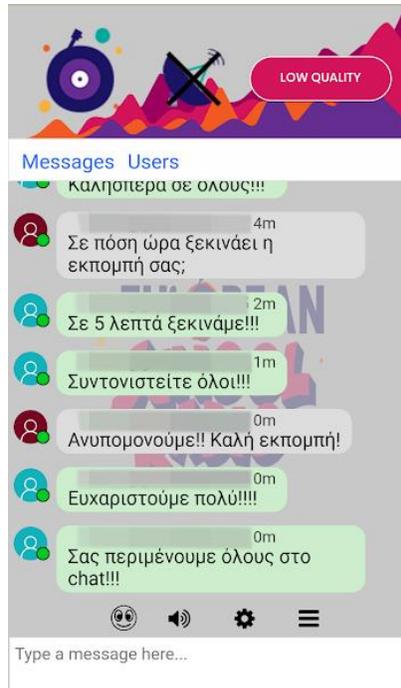
Activity Triptych (4th activity)

Past

B&O Master de Luxe 513 K Radio AM-FM -
https://www.europeana.eu/portal/record/2058618/object_KUAS_7694734.html. Kulturarvsstyrelsen -
<https://www.kulturarv.dk/mussam/VisGenstand.action?genstandId=5860064>. CC BY -
<http://creativecommons.org/licenses/by/4.0/>



Present



European School Radio App

European School Radio is the first students' radio that broadcasts 24/7 via the web location (<http://europeanschoolradio.eu>) With ESR official mobile application you can listen live at the daily schedule and also chat with other listeners. Additionally, you have the opportunity to play, pause and mute the radio streaming and, of course, change between high and low quality. In European School Radio you will find various types of radio productions (such as educational, environmental, musical and entertainment etc.) All the radio productions are made from Greek and European schools.

Future

Activity Triptych (done online)

Kids pitch ideas about the future of radio

- The future radio will be amazing. It will be a multifunctional watch. By telling “activate radio”, it will show all available radio stations and you will pick one by voice. Not only that! It will transfer you as a hologram somewhere (e.g. a sports match, a show) and you will be able to watch this space from many views. Can’t wait to see it existing!
- I read somewhere about the future radio. Some American engineers created a radio which uses human sweat as energy to generate its battery. The battery will be like a plaster, soft and stuck to the skin. So, it will be far more than a mobile device. It will be a wearable device.
- I think that radio will look like a chip on our clothes. You will speak to turn it on and some small circles like balls will pop up so you can listen to songs, news, or other unimaginable things that will turn out to be listened from a radio in the future! Who knows?
- It will be disc-shaped with legs so that it can move and dance! You will activate it by clapping your hands. It will sing and chat with you. Also, this radio will detect your emotions and play music accordingly. It will have colorful lamps and look like a disco ball. It will also have enough storage to download songs.
- I imagine a radio that will cost only 1 euro, so that everyone will be able to buy it. It will have a screen, like a TV and it will be very small and durable.
- This radio will instantly and automatically translate the language of the speakers to the language of the listener. It will also have some functions based on the listener’s interests. There will be downloadable apps like “Radiomoto” which will include interviews from motorcycle lovers and “Radiobag” which will have info and shows about bags. This radio will have a Japanese name and will not demand many megabytes.

Photos by kids:

