



Sounds in European E-Learning - SEEL
Grant Agreement No.: 2014-1-DE02-KA200-001631
Project No.: 2014-1-DE02-KA200-001631
Sounds and audios in learning processes
Research Paper
Intellectual Output No. 1
Research on sound in learning – P4, CTI – Romania



SEEL

The situation of visual impaired persons in national and international context

Sound in European E-Learning
The situation of visual impaired persons in national and international context (O1/A3)
Report

P4 Colegiul Tehnic Ion I. C. Bratianu – CTI (Romania)

<i>Project Title</i>	<i>Sound in European E-Learning</i>
<i>Project Acronym</i>	<i>SEEL</i>
<i>Reference Number</i>	<i>2014-1-DE02-KA200-001631</i>
<i>Project Duration</i>	<i>01.09.2014 – 31.08.2016</i>
<i>Project Partners</i>	<i>P1 University Paderborn – UPB (Germany)</i> <i>P2 Ingenious Knowledge – IK (Germany)</i> <i>P3 Základní škola – ZSC (Czech Republic)</i> <i>P4 Colegiul Tehnic Ion I. C. Bratianu – CTI (Romania)</i>

Groapă Liviu & Abrudan Zaraza



b) Teacher for visible impaired students

1.) Short information about the SEEL project

- 1. Short information about the SEEL project and the objectives of the survey:
SEEL is about audios and sounds in Learning. Goal of the survey is to get a first impression about how Sounds are used in Learning and about the importance to use sounds.**

2.) General Questions in the Beginning

- 1. What subjects do you teach?**
Teacher 1 (T1): Alternative Communication-Braille and O.M.S.;
Teacher 2 (T2): Romanian Language, Mathematics, Natural Sciences, Civic Education, Game and Movement, Music and Movement.
- 2. How old are your students in general?**
T1: 6-16 years old; I-st, II-nd, VII-th and IX-th graders;
T2: 6, 10, 11 years old graders.
- 3. What do you think about when talking about sounds and audios?**
T1: Tools or facilities that improve learning process;
T2: Information submitted by sounds.

3.) Sounds in Learning

- 1. What are your first ideas when you heard from the Project idea to improve learning with sounds and audios?**
T1: Creative way of introducing and using technology;
T2: That I'm going to know something interesting.
- 2. Do you have any experience in using sounds and audios to enhance learning?**
T1: Auditions-stories, documentaries for visible impaired students;
T2: Yes; the students are used to hear the sounds submitted by musical instruments.
- 3. How could sounds and audios improve learning?**
T1: -it stimulates curiosity;
-it avoids students' monotony of listening only the teacher;
T2: The sounds can provide a better whole image on their studied phenomenon
- 4. What sounds and audios could improve learning?**
T1: Sounds from nature (wind, running water, storm, wild/domestic animals, birds, etc.);
T2: Sound reproducing sounds from nature.

4.) Didactical Questions

- 1. In which situations you could benefit from using sounds and audios?**
T1: Visible progressive impaired children with/without associated disabilities;
T2: While studying weather phenomenon.
- 2. Elements for using sounds and audios in learning (didactical aspects).**
T1: Visible impaired students – it helps in forming representations of animals, birds, natural phenomenon, etc.;



T2: The students may receive messages on airwaves (sounds), because they are visually disabled people.

3. Elements which sounds and audios need to have to enhance learning? What do you need to create and use sounds and audios in your daily work?

T1: DVD-s, CD-s, DVD players;

T2: Tools able to reproduce different sounds from nature (birds, etc.) or different appliances used in a home.

5.) End

1. Final Statement about Sounds and Audios in Learning

Try to issue a statement about sounds and audios in learning. Only one to three sentences.

T1: "If it's impossible for you to bring an impaired visual child at the mountains, than bring the mountains to him/her!"

"If a child cannot see the world with his physical eyes, help him/her to listen to it and to see it with the eyes of his/her own mind!";

T2: "When we're talking about visually disabled students, the sounds (including the verbal ones) are the main source of information."

****The Questionnaires were applied at a Special High School for Visually Impaired Students, Colegiul IRIS Timisoara.***