**Collecting good practices from ASPnet members on Arts Education**

<table>
<thead>
<tr>
<th>Title</th>
<th>Time-gate” - Clock project Designing and making enamelled clocks</th>
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<tbody>
<tr>
<td><strong>Country</strong></td>
<td>Hungary</td>
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<tr>
<td><strong>School</strong></td>
<td>Debreceni Kazincy Ferenc Általános Iskola és Alapfokú Művészeti Iskola</td>
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<tr>
<td><strong>Level of education</strong></td>
<td>Primary school, 11-12-year-olds</td>
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<td><strong>Implementation period</strong></td>
<td>4 weeks, 4 lessons a week, 16 lessons altogether</td>
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**Description** (150 – 200 words)

**Time-gate” - Clock project**  
Designing and making enamelled clocks

Basic level, 4-5th grade, metal working and enamelling workshop  
As part of the project, students designed and made a unique object for personal use. It was important during the process that students had their own personal artistic experience.  
With the versatile cross-curricular connections, we highlighted the complexity of creative work and the importance of logical thinking while students were able to gain experience in using a variety of techniques as well as in work processes.  
The sequence of tasks on making a wall clock were based on Hundertwasser’s five skin theories. The first is our skin, the second is our clothing, and the third is our house, which we can make unique in harmony with our individuality. The fourth is our local environment and the fifth is the Earth itself, nature, ecology. Besides uniqueness, we also emphasized the importance of protecting our environment and nature. Instead of making meaningless items, it is worth putting more emphasis on thoughtful,
unique items by using the ancient and timeless technique of enameling. 

After a while, students will apply the practical activities related to arts on their own. These activities help them gain more experience and their creativity will improve.

### Visual Contents
please provide the following, with information on the credits:
- Photos related to the initiative (Obligatory)
- Video materials (optional, less than 3 minutes)

### Week 1 – different enamelling techniques

1. Talking about enamels: when and where they are used. What techniques students know.
2. Concepts and their meanings related to enamelling
3. Talking about Hundertwasser’s theory. There are two optional tasks:
   1st: To make housing estates look more unique - design colourful patterns on the photocopies of photos
   2nd: Making a composition of the same or similar shapes to form a round shape. It is a rhythmic composition that calls the attention to the face of a clock.

### Week 2 Time and time measuring

5. **How to measure the time? Puzzle:** Each group does a puzzle from same size pieces of a picture. They have to recognise the picture and put them in chronological order. / sundial, water clock, hour glass, candle clock, quartz clock, atomic clock/

6. **Design.** As a first step we studied the works of previous groups in a critical way. Rhythm, layout, simplicity, decorativeness are the key concepts and function was also of key importance as well as the material we worked with.

7. **Designing the time-gate clock faces.** The key concepts help with starting the designing process. The ideas are to be drawn on paper.
• It should be a simple shape so that it can be cut with plate shear.
• A 1 cm size hole has to be made in the middle of the face for the clockwork.
• The face and its decoration.
• Choosing the best idea.

**Week 3 Design and creation**

8. Discussion of the process with the help of word cards.
9. Revision of students’ knowledge on colours with the help of word net.

10. Making a real size colour plan

11. Preparing the plate: cutting, file, grinding
12. Enamelling with sgraffito technique.


Week 4 Enamelling, matching the parts
Self expression, decorativeness as well as precise working are very important during the preparation process to get an object that works well.

| Useful links to the good practice(s) including outputs (guidelines, manuals, initiatives,...) |

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