**This document gathers information about the subjects taking part in the project**

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| **Department:** | Sciences |
| **Subjet involved:** | Physics – Technology – Geography  |
| **Participant teachers:** | Nikos Skoulidis |
| **Date of the activity:** |  |

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| **Description of the activity** |
| Modification of unused clocks* To operate backward and with mirroring to show normal.
* To connect the “time” to the participating countries’ folklore and their place in globe through a play with words (time zones – time belts) and by replacing their background with pictures from cities,
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| **Objectives** |
| How an electromechanical device works (physics – technology)* Gear transmission (technology)
* Magnetic field and its characteristics – directionality (physics)

The sense of the time (physics)The mirror and the light reflection (physics)* Vertical mirror: Left side turns right
* Horizontal mirror: Up side turns down
* Rotation is reversed in mirrors

Use of simple tools for constructing the display (technology)Use of tiny tools for modifying a clock (technology)The time zones (geography) |

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| **Outcomes** |
| There were modified 5 clocks (2 table clocks and 3 wall clocks).In three of them (1 wall and 2 table clocks) reversed their rotation and positioned in front of a mirror to show normal.In all clocks replaced the background.A display constructed from old and broken desks. |

Has the activity got a lesson plan? (if it does, please, attach it to this document)

☐ Yes ☑ No