

<b>Learning Unit Обучение</b>	
<b>Subject Предмет</b>	Media
<b>Title Название</b>	Physics in reverse / Photo manipulation – Adobe Photoshop
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<b>School Школа</b>	Tallinn 53. Secondary School
<b>Description of the unit Описание</b>	In the integrated Media and Physics lessons, our students worked on a photo manipulation depicting a world in which there is no gravity and the laws of physics don't work.
<b>Contents Содержание</b>	Photo manipulation, one of the varieties of digital art, is the combination of parts of different images and graphic elements in order to obtain a new work with its own meaning and purpose.
<b>Learning Outcomes / Результаты обучения Skills \навыки</b>	The students learned the Adobe Photoshop skills - tools and working principles (image editing, cutting, layer creating, masking and etc.)
<b>Target students/class Целевой возраст учащихся</b>	High school (16 – 17 age)
<b>Prerequisites \Предварительные требования</b>	Students should have a basic knowledge of computer graphic
<b>Time expected / Ожидаемое время</b>	5 hours
<b>Interdisciplinary links / Связь с другими предметами</b>	Integrated with Physics
<b>Methodology / Методология</b>	Team-work (2-3 persons): ability to create a project and make decisions in association with each other during implementation.
<b>Human Resources (internal and/or external) Человеческие ресурсы (внутренний и/или внешний)</b>	Media and Computer Graphics teacher Physics Teacher



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<b>Resources / ресурсы</b>	Computer with Internet connection and graphic software installed - Adobe Photoshop, DSLR camera
<b>Lesson Plan/План урока</b>	<ol style="list-style-type: none"> <li>1. Analyzing the basic laws of physics</li> <li>2. Team working, sketching and brainstorming</li> <li>3. Ideas generating and work planning</li> <li>4. Making a photos and visual material collecting</li> <li>5. Creating the project in Adobe Photoshop</li> </ol>
<b>21st Century Skills</b>	Pixel graphic skills Photography skills Team working. Creativity Media literacy Collaboration Innovation skills Technology skills and digital literacy
<b>Assessment</b>	Summative assessment
<b>Remarks</b>	



