MIL LESSON PLAN

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| LESSON PLAN: |  | MIL – module and unit | Module 6, Unit 3 |

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| Subject / Theme: | Geography, Physics, Mathematics, Languages | | |
| Topic: | Uses of interactive multimedia tools, including digital games in the classroom | | |
| Lesson Title: | Scale of the Universe 2 | | |
| Level: | Primary, Secondary, Tertiary | Lesson Duration: |  |

**Learning Objectives:**

Identify the value of interactive multimedia tools, including interactive websites, presentations, online discussions, blogs, wiki, wikibooks, ebooks, podcasting, videocasting, vodcasting and games in teaching and learning

Develop social, intellectual and spatio-temporal skills, using interactive multimedia tools, especially games

Apply interactive multimedia tools, especially digital games, to teaching and learning.

Use low/high-tech interactive multimedia tools/games to introduce concepts from  academic subjects (e.g. mathematics, science, social studies, etc.)

Analyze different interactive multimedia tools developed using free and open-source or proprietory software, and evaluate their implications for and impact on teaching and learning

Evaluate the impact and opportunities provided by open educational resources in teaching and learning processes

**Pedagogical Approaches and Activities:**

This is one of the best interactive resources of the entire Internet. I know teachers at universities that use it in their courses. Still it is useful for anyone of any age that is interested in the relative sizes of our world. It is easy to spend hours travelling between micro to macro cosmos, and back. It can be done together with other in class or individually. The guys who made it are teenagers.

**Media and Information Resources:**

<http://htwins.net/scale2/>

**References:**

[**http://abcnews.go.com/Technology/page/scale-universe-cary-michael-huang-california-high-school-15573968**](http://abcnews.go.com/Technology/page/scale-universe-cary-michael-huang-california-high-school-15573968)

**Further topics and resources:**