Full STEAM ahead for better education

Lesson plan

Teacher: Nitsa Klouva

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| **Title/ Τίτλος: Νatural phenomena through Ulysses’ adventures** |

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| Aim/Στόχοι | Acquaintance with natural phenomena – their knowledge and discovery as far as material objects, action, heat, light are concerned. |
| Tools I need/Εργαλεία | Drama stage, the children’s bodies and voice, comfortable clothes, fabrics, simple natural materials, objects. |
| Preparations/Προετοιμασία | Pupils make dialogues and take over roles every time they are asked to solve a problem. |
| What to do/ Δραστηριότητες | Pupils according to the storyline are trying to overcome the obstacles of Ulysses’ wandering, look for, experiment with simple materials, observe, interpret, conclude and in the end they apply their knowledge so that they can reach their destination, Ithaki. |
| What I get / results/ Αναμενόμενα Αποτελέσματα | They learn and become aware of concepts and the application of natural phenomena through problematic situations that they are called to solve. |

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| **The STEAM approach/ Προσέγγιση STEAM:** |

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| **S** | Search/Ερευνώ | Experiments with simple materials, elements of nature such as water, light, air and other solids. |
| **T** | Think/Σκέπτομαι | Observation, reflection, conclusions about various natural phenomena and how their knowledge is connected to their application in our life. |
| **E** | Experience/Δοκιμάζω- Βιώνω-Εφαρμόζω | Dramatization: Pupils become the heroes of the well-known Odyssey, putting themselves in obstacles they are called to overcome. |
| **A** | Active learning/ Ενεργητική Μάθηση | Pupils search and discover the natural phenomena through the drama action in which they are protagonists and researchers. |
| **M** | Motivation/Κινητοποίηση | Action and activation in order to overcome the obstacles of the story, after every problematic situation. |

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| Ressources / Links:  Πηγές | Simple material means. |