** LESSON PLAN**



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| **SCHOOL** |  |
| **THEMATIC AREA** | Energy is life |
| **TEACHER** | Barraco Maria, Li Volsi Silvana, Pellegrino Graziella, Vinci Stefania |
| **SUBJECT** |  |
| **AGE GROUP**  (approximately) | 10-11 years |
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| **PLACE** | Classroom |
| **LESSON OBJECTIVES** | -Become aware of energy as an indispensable resource for making life on earth possible and recognizing the importance of energy saving for the protection of the entire planet earth.  -Recognize what energy is and its possibility of transformation - Recognize the sun as a source of primary energy and the different forms of energy - Recognize the characteristics of different fossil fuels - Understand the importance of electricity - Recognize the operation of the thermoelectric power plant - Recognize the structure of the atom, nuclear energy and nuclear power plant. - Recognize the difference between renewable and non renewable energy - Recognize water as a source of energy - Knowing biothermal energy and biomass energy |
| **LESSONS YOU CAN USE** | * Language, for translation in English * Nature knowledge * science |
| **CLASS ORGANISATION** | * Pupils work individually, in pairs   and in groups |
| **MATERIALS** | Books about energy, internet, posters, pictures, practical exsercise |
| **ICT TOOLS** | Computer, tablets, Lim |
| **PROCEDURE** | Introduction of theme energy  Brainstorm: how does energy manifests and transform itself  Different forms of energy  Differences between traditional energy e alternative energy  Experiment about alternative energy: water, sun, wind (build wind mill, kite, watermill.  Find question about energy: create a kahoot game.  Create a story about energy and its importance  Dramatize the story to create a video |
| **EVALUATION** | Evaluation via: oral, written, closed-ended questions, open-ended questions; Completion of structured cards and texts Quiz resolution, creation of posters, power point, realization of a booklet. Musical final event |
| **ATTACHEMENTS** | Power Point – video |