** 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
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| **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 energyBrainstorm: how does energy manifests and transform itselfDifferent forms of energyDifferences between traditional energy e alternative energyExperiment 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 importanceDramatize the story to create a video |
| **EVALUATION** | Evaluation via: oral, written, closed-ended questions, open-ended questions;Completion of structured cards and textsQuiz resolution, creation of posters, power point, realization of a booklet.Musical final event |
| **ATTACHEMENTS** | Power Point – video  |