



LESSON PLAN



SCHOOL	
THEMATIC AREA	Energy is life
TEACHER	Barraco Maria, Li Volsi Silvana, Pellegrino Graziella, Vinci Stefania
SUBJECT	
AGE GROUP (approximately)	10-11 years
PLACE	Classroom
LESSON OBJECTIVES	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> • Language, for translation in English • Nature knowledge • science
CLASS ORGANISATION	<ul style="list-style-type: none"> • Pupils work individually, in pairs and in groups
MATERIALS	Books about energy, internet, posters, pictures, practical exercise
ICT TOOLS	Computer, tablets, Lim
PROCEDURE	<p>Introduction of theme energy</p> <p>Brainstorm: how does energy manifests and transform itself</p> <p>Different forms of energy</p> <p>Differences between traditional energy e alternative energy</p> <p>Experiment about alternative energy: water, sun, wind (build wind mill, kite, watermill.</p> <p>Find question about energy: create a kahoot game.</p> <p>Create a story about energy and its importance</p>

	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