** LESSON PLAN **

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| **SCHOOL** | De Weijerwereld Boxmeer NL |
| **THEMATIC AREA**  | ENERGY, |
| **TEACHER** | Huub Creemers |
| **SUBJECT**  | Kinds of energy and what we use in The Netherlands |
|  **AGE GROUP**(approximately) | 11-12 (oldest pupils) |
| **TIME REQUIRED** | 2 lessons (2 hours) |
| **PLACE** | Classroom |
| **LESSON OBJECTIVES** | * Pupils find out about kinds of energy we have
* Pupils know how every kind of energy is working
* Pupils know about the advantage and disadvantage of every kind of energy
* Pupils know what kind of “alternative” energy is used in our country
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| **REGULAR LESSONS YOU CAN USE** | * Language, for translation in English of course the English lesson
* Nature knowledge
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| **CLASS ORGANISATION** | * Pupils work in groups
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| **MATERIALS** | ICT |
| **ICT TOOLS** | Internet, PowerPoint |
| **PROCEDURE** | * Discussion in the whole group of pupils: how do we generate energy? What kinds of energy do you know? Wind, Solar, Fossile etc.
* Then group is divided in subgroups : for example 3 pupils for every kind of energy.
* Every group goes to the internet and tries to find out:
	+ How do we generate energy by using (for example) wind?
	+ What are the advantages of wind energy?
	+ What are the disadvantages?
	+ How many percent of the Dutch energy is generated by using wind energy?
	+ Search for a little experiment about wind energy and describe the experiment.
	+ Make a PowerPoint Presentation about “Wind energy”
	+ Show your presentation to your classmates.
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| **EVALUATION** | Discussion about the presentations (content and design) of the presentations |
| **ATTACHEMENTS** | PowerPoint Presentation of “ENERGY” |