** 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 |
| **REGULAR LESSONS YOU CAN USE** | * Language, for translation in English of course the English lesson * Nature knowledge |
| **CLASS ORGANISATION** | * Pupils work in groups |
| **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. |
| **EVALUATION** | Discussion about the presentations (content and design) of the presentations |
| **ATTACHEMENTS** | PowerPoint Presentation of “ENERGY” |