



LESSON PLAN

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Language, for translation in English of course the English lesson • Nature knowledge
CLASS ORGANISATION	<ul style="list-style-type: none"> • Pupils work in groups
MATERIALS	ICT
ICT TOOLS	Internet, PowerPoint
PROCEDURE	<ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> ○ 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”