



LESSON PLAN



SCHOOL	Weijerwereld
THEMATIC AREA	ENERGY
TEACHER	Imke Kosman, Carin Overbeek
SUBJECT	Energy
AGE GROUP (approximately)	12
TIME REQUIRED	60 minutes
PLACE	CLASSROOM
LESSON OBJECTIVES	What is energy? What is windenergy? Experiencing how windenergy works
REGULAR LESSONS YOU CAN USE	<ul style="list-style-type: none"> • Language, for translation in English of course the English lesson • Nature knowledge and durability • Physics
CLASS ORGANISATION	<ul style="list-style-type: none"> • Pupils work in pairs
MATERIALS	piece of sturdy cardboard 20x20 centimeters piece of sturdy cardboard (size does not matter) ruler pencil 6 paper cups (preferable without print) scissors stick 25 centimeters painters tape piece of rope hairdryer / ventilator (not needed for every 2 students) paint brushes
ICT TOOLS	IWB with sound
PROCEDURE	Introducing the teachers Explaining today's goals Watching a short movie about energy Talking shortly about what we've seen Watching a short movie about windenergy Explanation of how to make a windmill, step by step Working in pairs to build the windmill and to try it out Cleaning the classroom together Evaluation about what we learned and showing some examples of the made windmills.

EVALUATION	
ATTACHEMENTS	PowerPoint Foto's of how to make the windmills.