





8.3 Wind power

Basic information and collecting ideas 	Wind power is one of the important sources of energy for a sustainable energy supply. The experiment shows the basic function of generating electrical energy using wind.																								
Observing and documenting 	<p>If students blow the propeller with enough force, the LED will light up.</p> <table><tr><th colspan="6">Example of measurement table:</th></tr><tr><th></th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><th>Voltage</th><td></td><td></td><td></td><td></td><td></td></tr><tr><th>Current</th><td></td><td></td><td></td><td></td><td></td></tr></table>	Example of measurement table:							A	B	C	D	E	Voltage						Current					
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Analysing and reflecting 	<p>An LED requires a minimum voltage and amperage to light up. Blowing forcefully enough on the propeller will provide the electrical energy required.</p>																								
Doing further research 	<p>The volume of the students' lungs partially determines the level of power, but is not the only factor. Other factors are physical fitness, etc. The lung volume depends partly on the size of a person, but here again also heredity and physical fitness play a role.</p>																								

Space for notes
