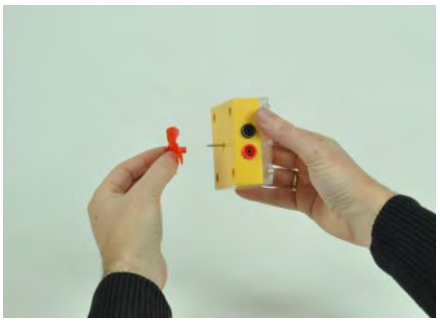
ENERGY DEMAND OF A PROPELLER

AES 2.3

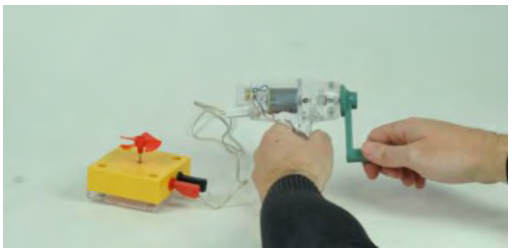
We are building a blower with different velocities.

Experiment:

- Put the propeller on the engine/generator-brick.



- Connect the hand generator with the brick



- Turn the crank

Result:
The propeller is rotating.

Physical explanation of the energy conversion:
Mechanical energy (crank) is converted into electrical energy (generator).
The generator is driving the engine inside the brick.
Afterwards, the electrical energy gets converted into mechanical energy (movement of the propeller) again.

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