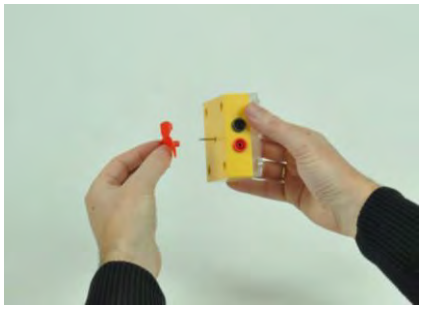
MOTOR WITH PROPELLER DRIVEN BY A SOLAR CELL

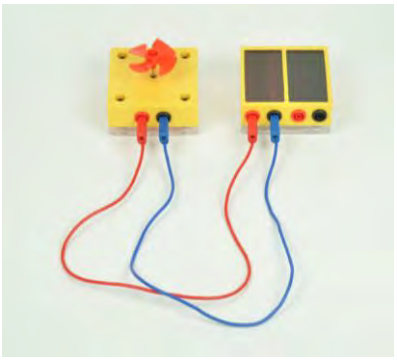
AES 6.4

Experiment 1:

- Put the propeller on the engine/generator brick



- Connect the brick to the left solarcell with 2 cables



Result:
The propeller does not move.

Experiment 2:
Execute the experiment next to a window and adjust the solar cell in an angle of 90° to the sunbeams.

Result:
In direct sunlight (on a clear day), the propeller should start turning.
Note the rotational velocity of the propeller.

Experiment 3:
Connect both solarcells in series and perform the experiment again in direct sunlight.

Result:
The propeller rotates faster.

© Fruhmann GmbH, Austria