



## SWITCH ME OFF

### Goal(s):

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- The pupils (and the teachers) switch off the light when it is not needed.

### General description of the activity:

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Some people don't care if lights are left on. They don't make a connection with lights left on, electrical bills and CO<sub>2</sub> emissions (and the global warming which goes with these). This means they have no incentive to change their behaviour.

Historically, the attitude to energy was very different. For example, if people needed heat, they would have to go into a wood to cut logs and then bring them home. As a result, the desire to use energy carefully was much higher!

Through the making colourful stickers and placing these next to the light switches everyone is reminded to switch the light off when not needed.

### Required materials:

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- Coloured A4 sheets for photocopies.
- Optionally – computer and printer.

### Required pupil skills:

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Ability to use scissors.

### How does this activity fit into the curriculum:

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This activity is well suited for lessons in Design Technology, Art, I.T., Literacy, History, Geography and Science.

### Safety issues:

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None

<b>Individual steps of the activity:</b>	<b>Required time:</b>
<ol style="list-style-type: none"> <li>1. Start the activity with a discussion of the use of light: When is light needed, where does the necessary energy come from, and what economic and environmental impacts does use of light have?</li> <li>2. Either individually or jointly the pupils create a slogan to be placed beside each light switch e.g. "Switch me off, if you don't need me", "Switch me off, if there is enough natural light!", "If you switch me off, you will switch your future on!", or similar ones. The pupils are then asked to choose the one they like the most.</li> <li>3. Each pupil draws a cartoon-style image, where the drawing of a lamp accompanies the chosen slogan.</li> <li>4. Each drawing is then laminated so that it will keep better.</li> <li>5. A drawing is then placed next to each light switch.</li> </ol>	Preparation and implementation - 1 lesson
<ol style="list-style-type: none"> <li>6. The remaining pupils and teachers of the school are then informed about the reason for the stickers.</li> </ol>	Presentation – 1 lesson for preparation of the presentation

**Suggestions for combination with other AL activities:**

"Switches mapping" – The pupils make a map of the placing of every switch.

"Shine a light on savings" – What types of light bulbs exist on the market and how does their energy consumption differ from one another?

**Variations:**

If there are more switches than pupils in the school, then some of the drawings can be (photo-)copied.



**Available aids:**

None



**Search words:**

**Energy end-use**

**General topic**

**Educational subject**

**Age level**

Transport

Space heating & cooling

Hot & cold water

**Lighting**

Electric appliances

General sustainable development

Renewable energy

**Energy efficiency (saving)**

CO<sub>2</sub> wise transport

**Design Technology**

**Art**

**I.T.**

**Literacy**

**History**

**Geography**

**Science**

**6-8 years**

**9-10 years**

11-12 years