

Knowing Energy: Renewables

Energy Revealed

Learner Worksheet

Level 1-2: Grades 3-8

Level 3-4: Grades 9-12



Reminder:

- kWh = (Watts/1000) x Time (hours)
- 1kW = 1000 W

Level 1 Questions/Activities:

1. Like the solar cooker, we have all seen that renewable energy can be efficiently used to do everyday tasks. Your job is to design something that will use renewable energy to accomplish a simple or very complex daily task.

Idea:

2. Build your idea. Or try taking pictures of the process even if it fails. Failures are inevitable and part of the process (the internet is full of ideas for this).

3. Submit a photo diary on how things went with captions to explain. There is no wrong answer here.

Paste Pictures:

Level 2 Questions/Activities:

- **Note:** Complete level 1 questions/activities first if you haven't already done so.

1. What are some of the difficulties you came across when doing this?

2. How could these difficulties be overcome using technology?
