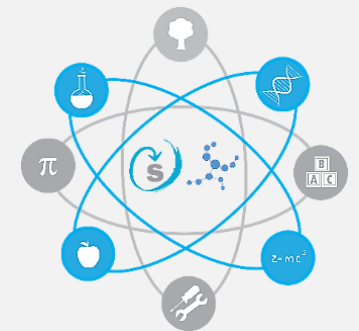


Gremo se znanost na razredni stopnji

Maruša Šegec in Željka Ličan Adamčič,
OŠ Vojke Šmuc Izola



<http://scientix.eu>



Portal Scientix



Vir spoznavanja pri naravoslovju na razredni stopnji je neposredna izkušnja, zato je pomembno poiskati ideje za dejavnosti, ki to podpirajo.



Introduction → Sélection/Recherche → My little turbines

My little turbines



The construction of wind or water turbines connected to a small generator (alternator) allows to experiment two different ways of transforming motion

Note (?) 

Difficulté (?) 

Durée (?) 2h 0 min.

Date 05.11.2013

Auteur [Martin](#)

Traducteur [Martin](#)

Organisme [info-energie](#)




Na spletem portalu Scientix je za učna sklopa Pojavi ter Sile in gibanje idej za tovrstne dejavnosti veliko.

The collaborative platform for educational DIY Science Projects

Introduction → Selection/search → Pet-Star water rocket car

Pet-Star water rocket car



The Pet Star water rocket car is an environmental friendly vehicle.

A Pet bottle is used to stock air and water. The air is pressurised with a

Rating (?) ★☆☆☆☆

Difficulty (?) ▬▬▬▬▬

Duration (?) 10h 0 min.




Date 06.05.2013

Author do-it-werkstatt

Translator Martin

Organization info-energie

Cost (?) ~10 CHF

	<p>Faraday torch</p> <p>Building a Faraday torch helps to understand how it is possible to produce electricity from a magnet, a copper coil and a movement. The same principle is used in most electricity plants. Depending on the plant, the movement is produced by different means (for instance by transferring the ... »</p> <p style="font-size: xx-small;">faraday, torch, magnet, coil, transferring</p>	<p>Rating ★☆☆☆☆</p> <p>Difficulty ▬▬▬▬▬</p> <p>Duration 4h 0 min.</p> <p>Date 07.06.2013</p> <p>Language français english deutsch</p>
	<p>Solar oven in a jar</p> <p>This DIYs project of a solar oven was part of a contest organised by the Juvene Foundation and the Swiss television (RTS-découvertes) during Summer 2011. The idea was to propose an easy experiment which needed only extremely cheap and easy to find materials and which would encourage children to ... »</p> <p style="font-size: xx-small;">experiment, insulating, rays, greenhouse, panels</p>	<p>Rating ★☆☆☆☆</p> <p>Difficulty ▬▬▬▬▬</p> <p>Duration 2h 0 min.</p> <p>Date 07.06.2013</p> <p>Language français deutsch english</p>
	<p>Lighthouse</p> <p>This Indian lighthouse DIYs project helps to understand how it is possible to produce electricity from a magnet, a copper coil and a movement. The same principle is used in most electricity plants. Depending on the plant, the movement is produced by different means (for instance by transferring ... »</p> <p style="font-size: xx-small;">magnet, coil, transferring, steam, turbines</p>	<p>Rating ★☆☆☆☆</p> <p>Difficulty ▬▬▬▬▬</p> <p>Duration 2h 30 min.</p> <p>Date 31.05.2013</p> <p>Language english français</p>
	<p>Parabolic solar Grill</p> <p>Building a parabolic solar grill helps to understand the principle of sunlight concentration. This technique is already used in experimental solar power plants. Parabolic mirrors focus the Sun's rays on black pipes in which water circulates. The heated water expands and turns into steam ... »</p> <p style="font-size: xx-small;">parabolic, sunlight, mirrors, rays, pipes</p>	<p>Rating ★☆☆☆☆</p> <p>Difficulty ▬▬▬▬▬</p> <p>Duration 0h 30 min.</p> <p>Date 31.05.2013</p> <p>Language français deutsch english</p>
	<p>Solar hot water panel</p> <p>The construction of a solar hot water panel helps to understand how it is possible to heat water with the Sun. The basic principle is to circulate water in a black pipe placed behind a glass exposed to the Sun. Thanks to the greenhouse effect and the black colour that absorbs most of the Sun's rays, it is ... »</p> <p style="font-size: xx-small;">circulate, pipe, greenhouse, absorbs, rays</p>	<p>Rating ★☆☆☆☆</p> <p>Difficulty ▬▬▬▬▬</p> <p>Duration 2h 30 min.</p> <p>Date 31.05.2013</p> <p>Language français deutsch english</p>

Pages [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#)

Sorted by: Rating Difficulty Duration Date



V delavnici bo predstavljen primer, ki spodbuja odkrivanje, napovedovanje in oblikovanje (spo)znanj učencev pri naravoslovju.





EUMETSAT Learning Zone
<http://l-zone.info/>



KIDS INN SCIENCE
<http://www.kidsinnscience.eu/home.htm>

6-10 let

POJAVI



ŽIVA BITJA



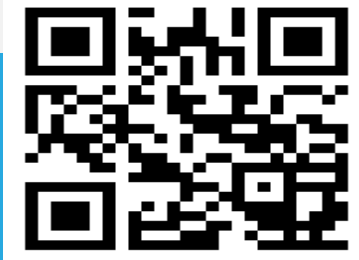
DIY SCIENCE
http://webenergie.ch/actions/brico_wiki/homePage.php

SILE IN GIBANJE

SNOVI



EFSUPS
<http://www.teaching-soil.eu/>





<http://www.scientix.eu>

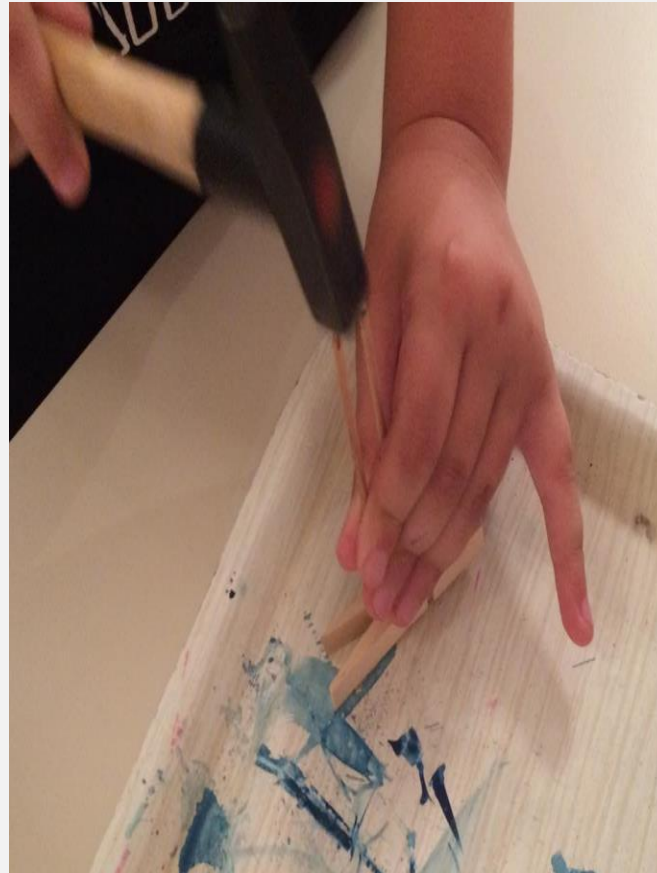


Katapult



- **narisati skico** svojega modela in opisati njegovo delovanje,
 - **brati načrt** in ga udejanjiti,
 - **ugotoviti** različne načine premikanja teles,
 - **prikazati**, da se telesa navzdol premikajo zaradi teže (sile),
 - **izdelati** uporabne predmete iz različnih gradiv,
 - **presoјati ustreznost** končnega izdelka (Kaj mi je uspelo? Kje sem naletel na težave? Ali naprava deluje? Kako bi napravo izboljšal?).
- Medpredmetno poveževa še z družbo, slovenščino in matematiko.

Raziskati, načrtovati, preizkusiti, ugotoviti



Raziskati, načrtovati, preizkusiti, ugotoviti



Raziskati, načrtovati, preizkusiti, ugotoviti





*Gremo se znanost na razredni
stopnji s Scientix-om.*

Hvala in lep pozdrav!

Maruša in Željka