



The Sun: The Power Of Nature

You can feel it every day: The power of sun. This is one element that allows life on earth. If you use it properly you can even generate electricity with it. And all without emissions or waste! We'll see how this work in our workshop.

The Sunlight:

We'll bring handmade lamps with solar cells to glow. We have a lot of material like wood, wire, colours, stones, glasses for lampshades and - and that is important- solar cells to generate electricity. So you can create your own individuality lamp design.

But it's also possible to convert sunlight into movement. We'll see that, when we construct small solar cars. To transform sun electricity into movement we need an electric motor and a transmission. When the transmission is connected to the wheels, the solar car is moving. But remember: The car must be built very lightly, because the rule is: higher weight - more energy - slowly car!

We construct the cars in three teams and at last we make a solar car race!



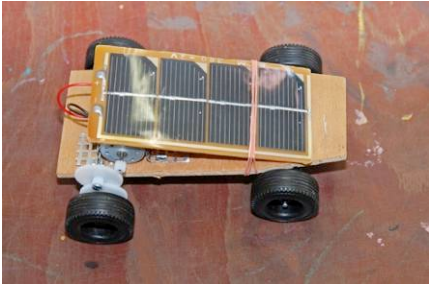
A Solar Power



A Solar Panel



Handmade



A small solar car with solar panel on top