

Worlddidac Members' contribution to EdTech and Tech solution in Africa

Training Concepts for a self-sufficient electricity supply

Activity based lessons teach both the basic theoretical knowledge of photovoltaics as well as the manual skills for building reliable power supplies, from small up to large electrical power systems. The development of global solar energy usage will also serve climate protection.

The entire training concept is ideally suited to qualify teachers to serve as multipliers for the transfer of knowledge and skills in the construction of solar energy supply units. At the same time, the Solar Work Case offers teachers a practical teaching and experimentation laboratory for teaching the basics of electrical engineering.

On the onehand, the teaching concept enables professional qualification and, on the other hand, promotes self-learning processes, which can be made through practical hands-on experience using the construction kits.

Professional training, Training concepts, hands-on learning, Basics of electrics and photovoltaics, Use of renewable energies, solar power and PV, Improve electricity supply in remote areas, Training of teachers / multipliers, Construction of solar supply units

