

Gandaki, Nepal



- 20 Solar Suitcases and Looma Systems Installed
- More than 5,757 Students and Teachers Benefiting
- 20 classroom projection systems electrified

Thank you for building Solar Suitcases and helping to power education in Nepal!

The Solar Suitcase you built was installed with others at schools in the Gandaki Province of Nepal. Many of the schools did not have electricity or internet access, and lacked access to educational resources like textbooks and whiteboards. With the addition of the Solar Suitcases to power educational projection systems called Loomas, the students will have increased learning opportunities and educational engagement. The students and teachers will have the benefit of access to modern educational tools and a source of sustainable solar energy.



GANDAKI PROVINCE, NEPAL



The Solar Suitcases and Looma Projection Systems were installed at schools located across four districts in the Gandaki Province of Nepal. The Himalayan Mountains run through this district as well as, many hilly and lowland regions. It is named after the Gandaki River, one of the major rivers in Nepal. The economy is heavily reliant on tourist activities and agriculture. Pokhara city is the capitol city and is often called the gateway to the Himilayas.



LOOMA AND THE SOLAR SUITCASE



We Share Solar Suitcases can not only light schools at night, but also successfully power educational projectors that bring interactive teaching and learning activities to classrooms during the school day in Nepal. These audio visual projectors, called Loomas, are an affordable and low power-consuming audio-visual education computer. They provide a simple technology solution to daily challenges that many rural communities face. The systems provide thousands of games, videos, text books for grades 1-10, virtual labs, lesson plans, a whiteboard feature, access to 15,000 media files from Wikipedia, Khan Academy and more, and a webcam with recording options. They promote inquiry and activity based learning and are completely powered by the Solar Suitcase and the sun!

The installations were completed with the technical expertise of Gham Power, Nepal, a solar power company located in Kathmandu. For over a decade they have done over 4,000 solar projects all over Nepal, working to combat climate change and improve the reliability of electricity in Nepal.



THE JOURNEY OF THE SOLAR SUITCASE



SOLAR SUITCASES ARE SHIPPED

After students in US schools have built the Solar Suitcases, the equipment is delivered to the selected Nepal school sites.

INSTALLATION

Gham Power installers safely secure the solar panels to the roofs. They fix the Solar Suitcases on the walls, and the Looma systems are connected.



THE RECIPIENTS

The recipients are trained in the benefits of solar energy, the use and maintenance of the Solar Suitcase equipment and how to use the LOOMA systems.

The Recipients



School Sites for Installation

Most of the schools had no or limited access to electricity or modern educational tools, which impacted student learning.

List of Schools

- Annapurna Secondary School
- Bhanu Sanskrit Secondary School
- Chhorepatan Secondary School
- Adarbhut Bidyala
- Bal Bikash Secondary School
- Shree Barahi Secondary School
- Shree Chaitanyodaya Satya Ma Vi
- Shree Dhodeni Basic School
- Shree Dhurba Secondary School
- Shree Gyan Bhumi Madhyamic school
- Shree Janajyoti Madhyamic School
- Shree Janak Secondary School
- Shree Janakalyan Secondary School
- Shree Janakalyan Secondary School
- Shree jeevanjyoti School
- Shree Kanya Secondary School
- Shree Paropakar Adarsha School
- Shree prabhat Shanti School
- Shree Saraswati Secondary School
- Shree Shanta Md School

Photo Gallery

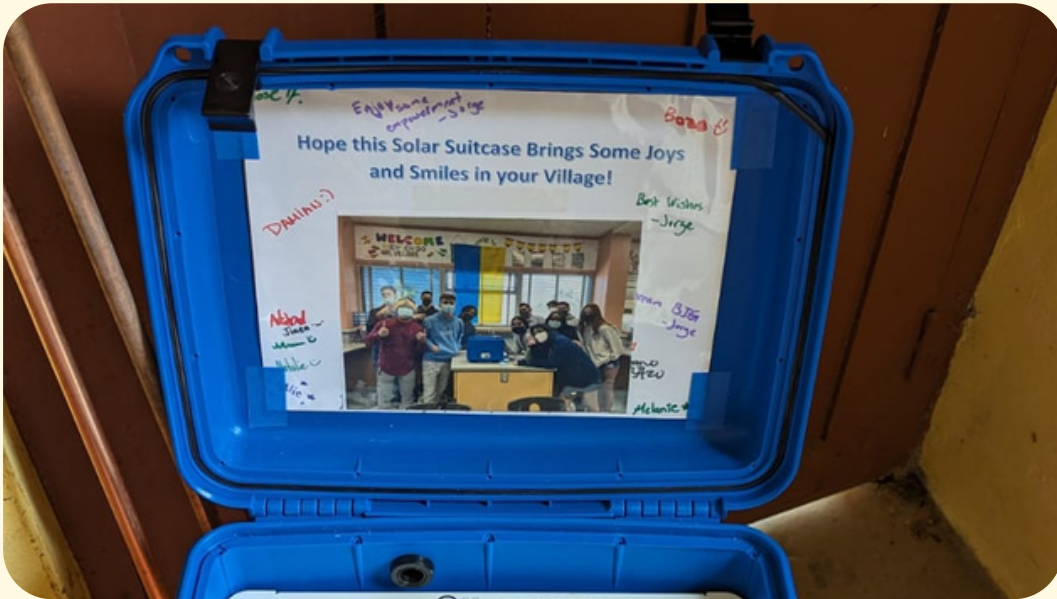


Photo Gallery

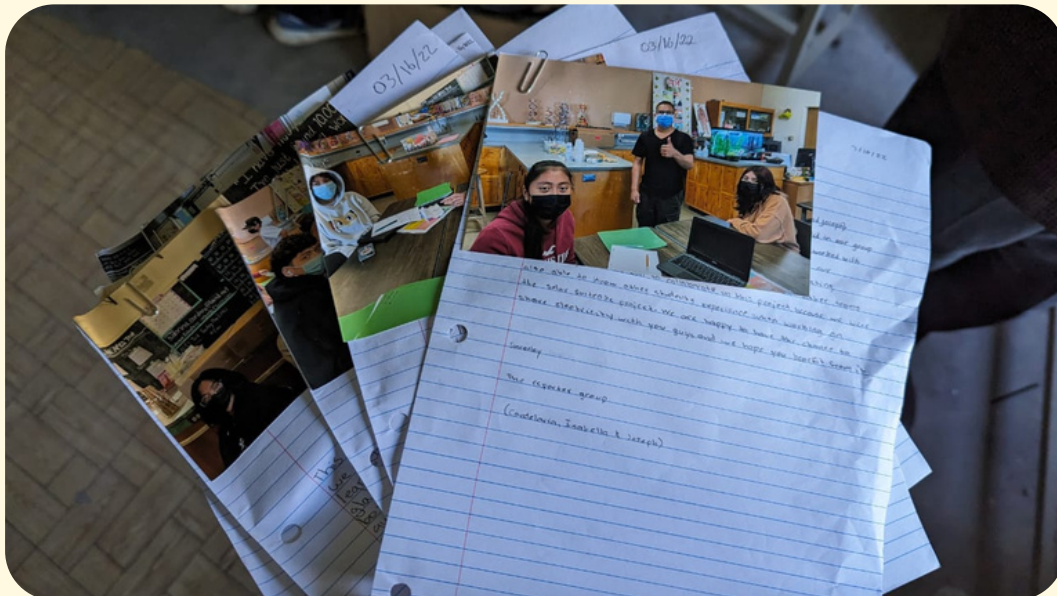


Photo Gallery



Additional Resources

Video: Looma System Training

Looma Education Website

Video: Looma Education

Gham Power, Nepal Website

Video: Gham Power

