



# Joy Children's Centre, Kenya

- 4 Solar Suitcases Installed
- More than 300 Students and 26 Teachers Benefiting
- 4 Classrooms, 1 Main Hall Electrified

Thank you for building a Solar Suitcase and helping to light education in Kenya!

The Solar Suitcase you built was installed with others at Joy's Children's Centre, Kenya. With the addition of the Solar Suitcases to light the classrooms and main hall, the students will have extended times to study and prepare for state examinations. The teachers will be able to prep for lessons for an extended time and charge their mobile devices without having to travel long distances. Light in the main hall will extend the time for social gatherings, meal times and group learning. The students also gain the opportunity to understand more about solar energy from the Solar Suitcases installed.





# JOY'S CHILDREN CENTRE, KENYA



Joy Children's Centre is located just outside of Nairobi, Kenya. It is home to orphaned or abandoned children and a school to local students. It was founded In 2007, by Sarah Wanjiku, a teacher who saw the need to house children whose families had been affected by HIV/ AIDS. Today it is home to over 60 orphans and educates more than 300 local students.





# THE INSTALLATION TEAMS

On May 20th, 2023, the We Share Solar US team gathered with the Ugandan and Kenyan installation teams for a unique opportunity to collaborate on the installation of 4 Solar Suitcases at Joy's Children's Centre in Ruiru, Kenya. The teams worked in mixed groups to install the equipment while sharing their best practices for proper and safe installations with each other.

## +254 Solar Energy CBO, Kibera, KENYA

A youth-led community organization in the Kibera slum of Nairobi, Africa's largest urban slum, +254 Solar Energy CBO works toward a cleaner environment and sanitation for all. In 2013, We Share Solar trained the first team of +254 Solar Energy CBO youth in Solar Suitcase installation.



## We Share Solar Kabale Team

The We Share Solar Kabale installation team has been installing Solar Suitcases in Uganda since 2013, the very beginnings of the Solar Suitcase programs. They partner with Kabale University, Alight, Brick by Brick and community members to ensure quality installations that bring solar energy to refugee settlements and rural schools in Uganda.



## WISEe - Women In Sustainable Energy and Entrepreneurship

WISEe is a group of women engineers, technicians, trainers and entrepreneurs working in renewable energy in Kenya. They work to build the technical capacity of eligible women to provide high quality Solar Photovoltaic (PV) systems in the East African region. They have been working with WSS since 2016.





# THE JOURNEY OF THE SOLAR SUITCASE



## THE EQUIPMENT ARRIVES

The We Share Solar, Kenyan and Ugandan installation teams arrived at the centre, bringing the Solar Suitcase equipment. Four Solar Suitcases, eight lighting expansion systems (switch boxes) and four solar panels are to be installed.





# THE JOURNEY OF THE SOLAR SUITCASE



## INSTALLATION

The installation teams work together to fasten the Solar Suitcases, switch boxes and battery boxes to the walls, as well as the solar panels to the roofs. They install the equipment in the classrooms and the main hall.





# THE JOURNEY OF THE SOLAR SUITCASE



## END USER AND STEM TRAINING

The installers train the teachers and students on how the Solar Suitcase works and proper maintenance. The students are taught about solar energy and how the Solar Suitcase brings light to their classrooms.





# Photo Gallery

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# Photo Gallery





# Photo Gallery





# Video Gallery

Please click the links below to watch videos taken at Joy's Children's Centre.

[STEM Lesson on Solar - Video](#)

[Children on the Playground - Video](#)

