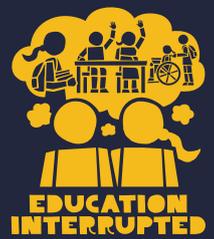


CASE STUDY 2



LUCAS & MYMA

Adapting to climate breakdown

Lucas and Myma go to different schools in northern Ghana.

Climate change is changing rainfall patterns in northern Ghana. It makes it difficult for farmers to know when to plant and harvest their crops. Oxfam built a solar water pump to provide water all year round. This benefits farmers and school students alike. In fact they are often members of the same family.

Lucas, 14 Garu District, Northern Ghana

Lucas learns about climate change in school. Here he explains climate change and the solar water pump.

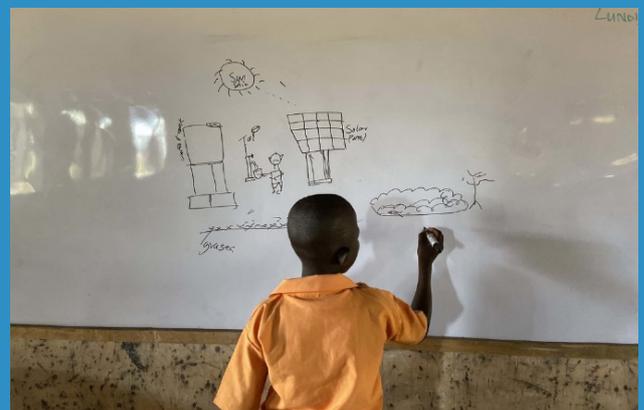
“ Climate change affects my parents in the farm a lot because of our rain in the northern (region). Here we have little rain, little wet season and our dry season is long. So, when you grow crops that will need 6 or 7 months before they grow, you see that they are affected. They won't complete (their) life cycle (and die), so that is how the climate affects my parents.



Photo: Nana Kofi Acquah/Oxfam

So if the water (in the riverbed) dries, the solar panel will now pump the water from underground to the water tank. So people will come and tap the water. Some are using the water in their houses, they drink it. Some are giving it to their animals and some use it for farming.

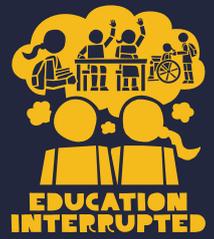
With the dry season they (my parents) will water the plants, then go and sell the crops and get things that they were not able to buy within the dry season. And if they (can buy) more books to learn, then it will help my education. I would like to go to the University of Ghana (and) become a lawyer in the future. ”



Lucas explains the solar water pump to his class at school
Photo: Nana Kofi Acquah/Oxfam

CASE STUDY 2

(CONT)



LUCAS & MYMA

Myma, 16
Garu District,
Northern Ghana

Myma goes to a different school in the area and has not learnt about climate change from her teacher. But the solar water pump has made a big difference to her and other children.

“ We used to fetch (water) from a well and I'd have to pull and pull and pull. We weren't feeling happy to drink it but we'd have no choice. We used to boil it. But with the solar pump we don't feel sick. This water is clean enough for us to be drinking.



Myma fetching water at the solar water pump
Photo: Nana Kofi Acquah/Oxfam



Myma studying at home
Photo: Nana Kofi Acquah/Oxfam

If you go there within three minutes, you fetch the water and come back home. You've more time to learn, which helps improve my education. ”

Case study: Oxfam

