



# SOLAR SOLUTIONS

This is the \_\_\_\_\_ familiar to most people.

\_\_\_\_\_ is a big, busy city.

But there's a whole other world up here, high on the city's \_\_\_\_\_.

Many Egyptians use the space on \_\_\_\_\_ for water \_\_\_\_\_, satellite dishes, and even \_\_\_\_\_.

The \_\_\_\_\_ piled everywhere is considered \_\_\_\_\_ because it's often recycled and \_\_\_\_\_.

\_\_\_\_\_ has been “\_\_\_\_\_” long before it became fashionable.

That's why National Geographic Emerging Explorer \_\_\_\_\_ 's program has been so special.

He's been helping \_\_\_\_\_ - \_\_\_\_\_ Egyptians build solar-powered water \_\_\_\_\_ -- partly out of recycled \_\_\_\_\_ -- and putting them on their \_\_\_\_\_.

People will come to this community, and they'll look on the \_\_\_\_\_ and they'll say why is there so much \_\_\_\_\_ on the roofs, but if you talk to the homeowners they'll say, “What \_\_\_\_\_? I'm saving this for the \_\_\_\_\_ when I can figure out a good way to use it.”

So there is no \_\_\_\_\_.

And that is, I think, the message that inner-city \_\_\_\_\_, and the informal communities of \_\_\_\_\_, have for the world.

Forget this idea that there is \_\_\_\_\_.

One man's \_\_\_\_\_ is another's \_\_\_\_\_.

The water \_\_\_\_\_ take advantage of \_\_\_\_\_'s great national resource – abundant sunshine.

When the \_\_\_\_\_ is placed just right....

Oh, you're good.

You're good.

You know what you're at?

\_\_\_\_\_ degrees.

Whoa. Whoa.

\_\_\_\_\_ panels heat up water that circulates through \_\_\_\_\_ tubes, eventually filling a tank with \_\_\_\_\_ hot water.

This is a \_\_\_\_\_ solar hot water \_\_\_\_\_, and it's made out of \_\_\_\_\_ community materials, \_\_\_\_\_ materials, and even some \_\_\_\_\_.

And we put it together as \_\_\_\_\_ as possible to demonstrate that anybody can make a solar \_\_\_\_\_ system; that \_\_\_\_\_ energy is not some exotic technology; that it can be made from found materials and it works.

The \_\_\_\_\_ allow \_\_\_\_\_ dwellers access to a plentiful supply of hot water.

The \_\_\_\_\_ improve the \_\_\_\_\_ of life and sanitation, and they \_\_\_\_\_ down on potential energy costs.

Culhane says the only problem is the \_\_\_\_\_ from the nearby \_\_\_\_\_ that coats the city and the panels.

Solar works tremendously well if there's \_\_\_\_\_.

\_\_\_\_\_ has \_\_\_\_\_.

But it also has \_\_\_\_\_.

Until people appreciate that, they won't come up and just do the simple thing of just \_\_\_\_\_ the \_\_\_\_\_ away.

So really, it's a matter of just a few seconds to \_\_\_\_\_ it down and then the system is functioning again.

But because people don't do this, they will say, "\_\_\_\_\_ does not work in \_\_\_\_\_."

And what we have to do is get them to be aware of the need to just \_\_\_\_\_ these as they are \_\_\_\_\_ their kitchen table.

Once they accept that, solar is a no-brainer here.

It's an easy thing to do.

Culhane hopes the water \_\_\_\_\_ project will lead to their \_\_\_\_\_ using \_\_\_\_\_ materials.

As the saying goes, one man's \_\_\_\_\_ is another man's \_\_\_\_\_.