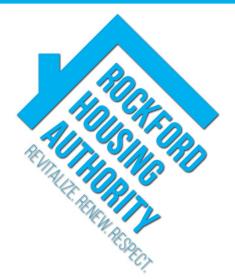
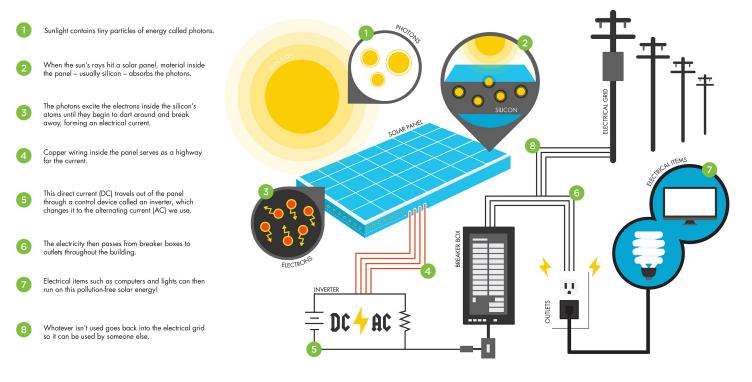
## LEADING CHANGE BY PARTNERING WITH PURPOSE





## How Solar Energy Works...



2015 RHA Energy Performance Contract \$7.2 Million in Energy efficient upgrades Anticipated Annual Savings \$450,000 or more Included 4 solar installations Leverages STEM education platform



National Environmental Education Foundation e to live by

# **STEM & Our Planet**

The environment is a compelling context for teaching and engaging today's students in science, technology, engineering and math (STEM).

#### SCIENCE



Green chemistry alone is expected to grow from a \$2.8 billion industry to about \$100 billion by 2020.

-

Environmental science jobs are expected to grow by 25% by 2016 — the fastest among the sciences.

### TECHNOLOGY



78% of businesses and organizations believe that the value of job candidates' environmental knowledge will increase in importance as a hiring factor.

By 2018, there will be 1.4 million American computing job openings, but only 29% of those are expected to be filled by U.S. graduates.

About

2 million

organizations

or services.

Environmental engineers are

2008-18, much faster than

average for all occupations.

growth of **31%** between

expected to have employment

and businesses

now produce or

offer green goods



By 2014, about 2 million STEM-related jobs will be created.

Only about **1** in **18** workers in America currently are in STEM fields.



95% of STEM college students believe that math/STEM can help prepare students to address the world's toughest problems.

# 57%

57% of math/STEM college students say that, before college, a teacher or class got them interested in STEM.



Nearly  ${f 4}$  in  ${f 5}$  STEM students decided

to study math/STEM in high school or earlier.

Employment of mathematicians is expected to grow by **22%** between **2008–18**, much faster than average for all occupations.

MATH

Workers with a STEM background have earned about 26% more, with engineers earning some of the highest avg. starting salaries for bachelor's degrees.





Civil engineers, who increasingly deal with the environment, are expected to have employment growth of  $\mathbf{24\%}$  between , 2008-18, much faster than avg. for all occupations.

#### Sources:

Boys & Girls Clubs of America Economics and Statistics Administration, U.S. Dept. of Commerce Harris Interactive

**Kelton Research** 

National Center for Women & Information Technology NC STEM Community Collaborative **Pike Research** Rutgers, The State University of New Jersey

Find out more: www.eeweek.org

99% of kids ages 6-11 believe

that it's important to care for the

environment.

92% of teens

are concerned about our

environment.