

Kid Scoop

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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KID SCOOP CAREERS SERIES

JOBS POWERED BY THE SUN

What do you want to be when you grow up? Have you ever thought about working in the field of solar energy?

Replace the missing words.

JOBS **STORING** **WORLD**

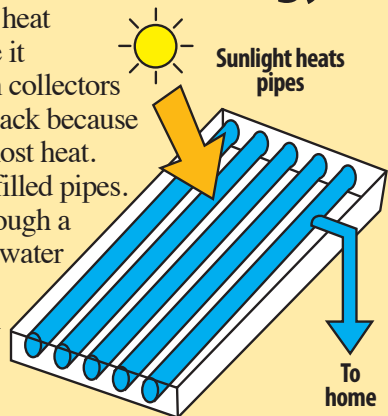
Solar power is the _____ provided by the sun. There are many _____ for people working to turn the sun's energy into electricity to _____ homes, businesses and more.

The sunlight that hits the earth in just one day could power the _____ for more than 25 years! The sun has plenty of energy for us. Now there are jobs for people to capture it and turn it into _____.

In the field of solar power, there are different kinds of jobs. There are scientists who make tools and batteries for collecting and _____ solar energy. There are even more jobs for people who install solar power systems in people's homes and _____.

Capturing the Sun's Energy

Solar collectors capture heat during the day and store it through the night. Often collectors are flat boxes painted black because that color absorbs the most heat. Inside are small, water-filled pipes. The sun heats water through a glass cover. The heated water is pumped into homes, providing hot water and heat. This is called **Active Solar Energy**.



Find the two suns that match.

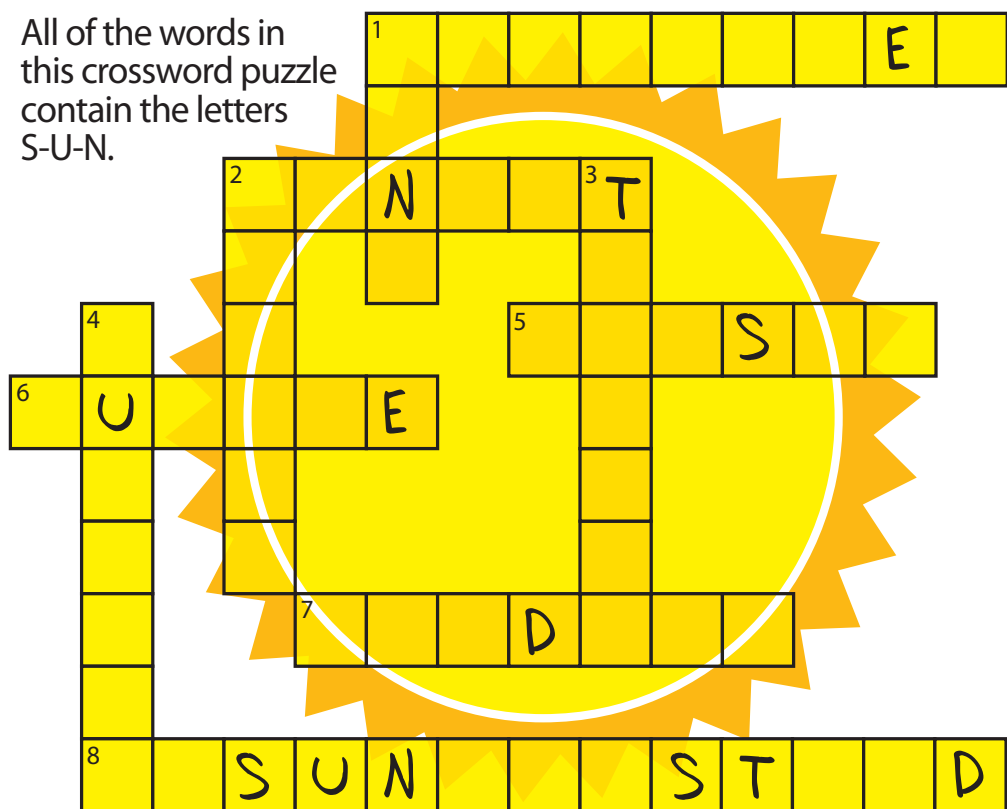


A Solar Power Job is a Good Career!

Replace the missing vowels to find out the many ways working in solar energy is a good career.

- You get to h_lp supply people with the p_wer they n__d in th__r h_m_s, sch__ls and b_siness_s.
- Your w_rk h_lps to r_d_ce the imp_cts of cl_m_te ch_nge.
- The p_y is v_ry g__d.
- Th_re will be l_ts of jobs in this f__ld in the f_t_re.

All of the words in this crossword puzzle contain the letters S-U-N.



Across

1. Tall plant with yellow petals and tasty seeds for snacking
2. Lit by the sun
3. When the sun goes behind the horizon in the evening
4. Ice cream topped with fruit, syrup and whipped cream
5. Device that tells the time of day with a shadow
6. To take a wrong meaning

Down

1. Made music with voice
2. The first day of the week
3. An unusually large ocean wave, often causes major damage
4. A ray of light

Standards Link: Spelling: Spell grade-level appropriate words correctly.

Extra! Extra!

Sunny Words

Look through the newspaper for five or more words that describe the sun and what it does. Use these words to write a paragraph or a poem about The Sun.

Standards Link: Identify Adjectives; write in a variety of genres.

Kid Scoop Puzzler

The sun is covered with spots! Use the spots to solve the mystery questions.

How far is the sun from the Earth?

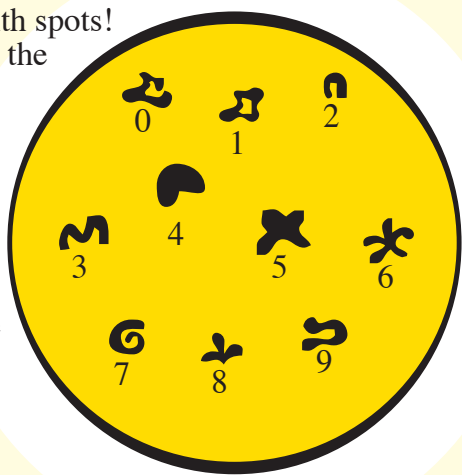
5M million miles (149.6 million km)

How long does it take the sun to make one complete rotation?

28 Earth days

What is the diameter of the sun?

864,000 miles. (1.4 million km)

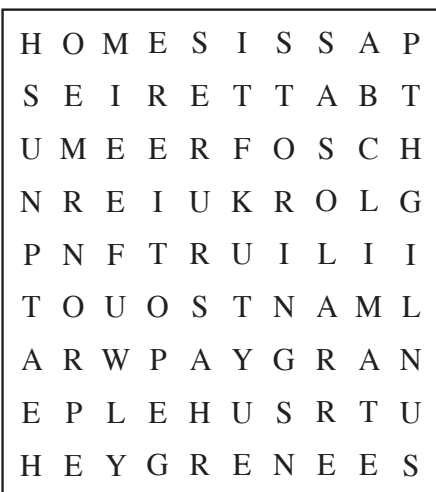


WARNING! Never look directly at the sun as this can damage your eyesight!

Double Double Word Search

BATTERIES
SUNLIGHT
STORING
SYSTEMS
HOMES
CLIMATE
ENERGY
FUTURE
SOLAR
POWER
HEAT
WORK
HELP
SUN
PAY

Find the words in the puzzle. How many of them can you find on this page?



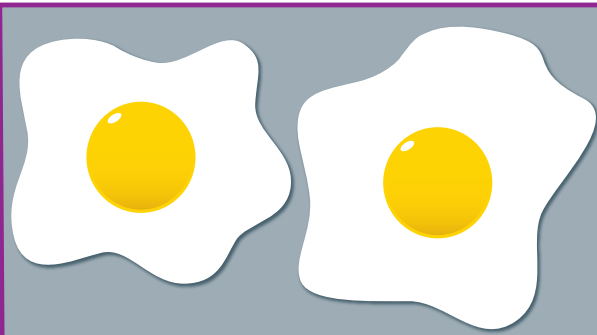
Standards Link: Letter sequencing. Recognize identical words. Skim and scan reading. Recall spelling patterns.

FROM THE Kid Scoop LESSON LIBRARY

Solar Energy Careers

Look through your newspaper for ads or articles about companies that install solar panels. Write a letter to the company and ask them what kinds of jobs they have.

Standards Link: Language Arts: Compose formal letters.



How do solar panels like their eggs?

ANSWER: Sunny side up.

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