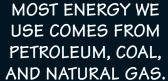
WORLD BOOK EXPLAINS

What Are Renewable Sources of Energy?

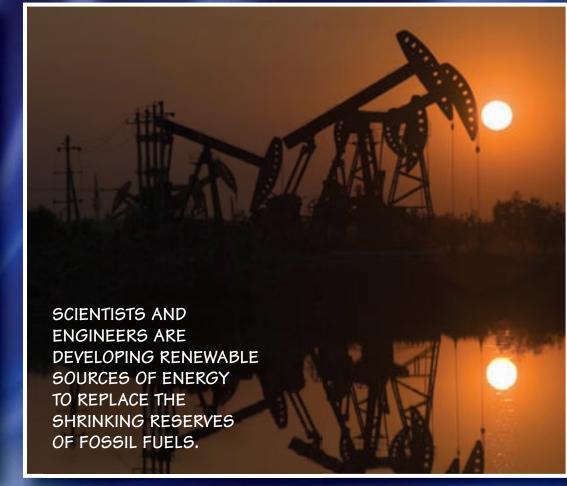


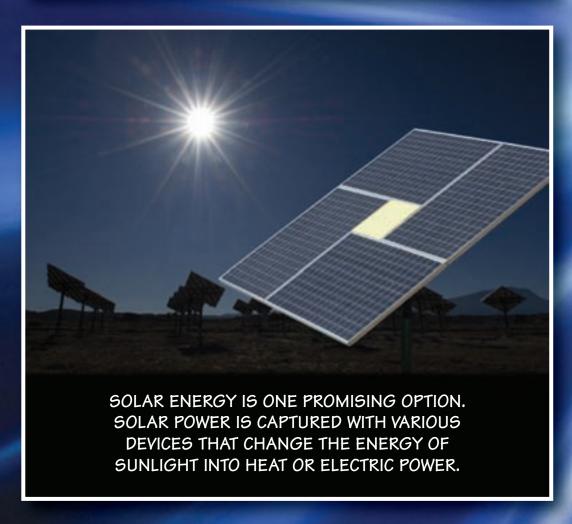




THESE SOURCES ARE
CALLED FOSSIL FUELS
BECAUSE THEY DEVELOPED
FROM THE REMAINS
OF PREHISTORIC PLANTS
AND ANIMALS.









WHICH IS USED TO DRIVE ELECTRIC GENERATORS.

GEOTHERMAL ENERGY IS ENERGY THAT COMES FROM THE HEAT OF EARTH. POWER COMPANIES CAN PUMP HOT WATER OR STEAM FROM UNDERGROUND AND USE IT TO HEAT HOMES OR GENERATE ELECTRIC POWER.



WATER POWER, OR HYDROPOWER, IS ONE OF THE MOST WIDELY USED SOURCES OF RENEWABLE ENERGY.

THE GRAVITATIONAL ENERGY OF THE FALLING WATER CAN BE CAPTURED TO PRODUCE OTHER FORMS OF ENERGY.

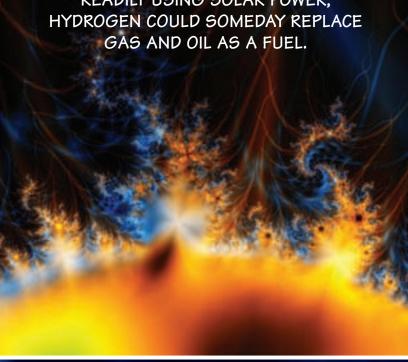


ANIMAL WASTES
AND PLANTS
CAN BE USED
TO CREATE AN
ENERGY SOURCE
KNOWN AS
BIOFUEL.

ETHANOL,
A BIOFUEL
AVAILABLE AT
MANY GAS
STATIONS, IS
PROCESSED FROM
CROPS SUCH
AS SUGAR CANE,
CORN, AND
GRASSES.



A TEMPTING ALTERNATIVE TO FOSSIL FUELS
IS HYDROGEN. THIS GAS BURNS EASILY,
GIVING OFF ONLY HEAT AND WATER.
IF SCIENTISTS CAN LEARN TO MAKE IT
READILY USING SOLAR POWER,
HYDROGEN COULD SOMEDAY REPLACE
GAS AND OIL AS A FUEL.









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