

Kid Scoop

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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STEM ON THE ROAD

Can we make cleaner cars?



It takes energy to move something. In early days, people used their own human energy to move things. It was tough!

Eventually, carts and wagons were hitched to horses and oxen. Animal energy was great!

Over time, people invented ways to generate energy to move vehicles by burning coal and gasoline.

Coal and gas are **fossil fuels**. But fossil fuels have a couple of problems. They cause pollution and someday the world may run out of these resources.

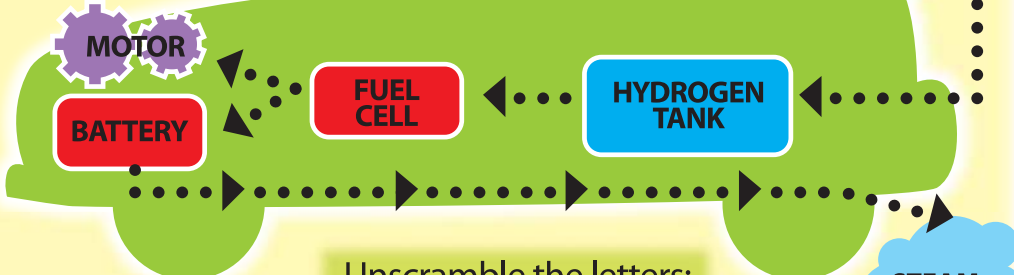
What's Next?

Today, scientists are looking for new, cleaner ways to create energy to move vehicles. They are looking for energy that won't run out. Many think **hydrogen** is the answer.

How many water drops can you find on this Kid Scoop page?

HYDROGEN PUMP

How It Works



Unscramble the letters:

The exhaust produced by a hydrogen-powered car is

~~R~~A~~E~~W~~T~~ ~~A~~R~~V~~O~~P~~

Extra! Extra!
Word Combos
Look through the newspaper to find words that can be combined to make a new word.
For example:
sun + shine = sunshine
Standards Link: Reading Comprehension: Follow written directions.

Hydrogen is a molecule that when combined with oxygen molecules makes energy.

Hydrogen fuel can power cars in a way that's better for the environment.

Keep reading your newspaper for updates about this exciting technology!



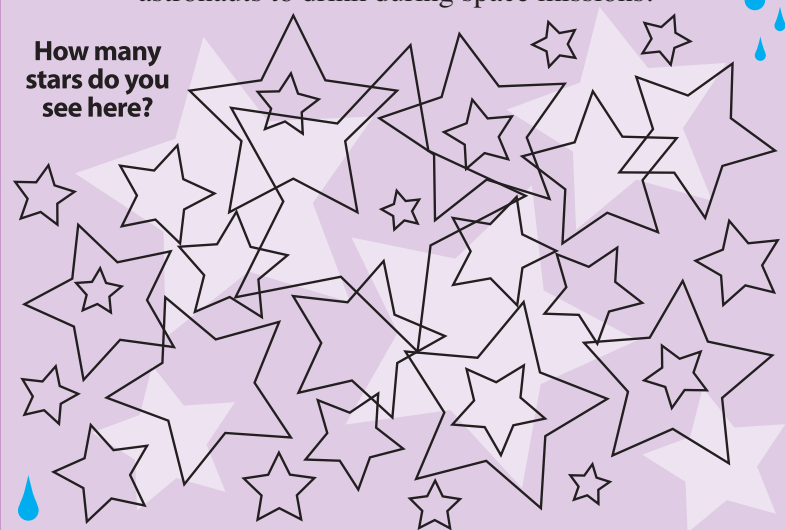
How many differences can you find between these two cars?



Kid Scoop Puzzler

NASA uses hydrogen fuel in space for a special process to make electricity from hydrogen. The byproduct of this process is water. This provides water for NASA astronauts to drink during space missions.

How many stars do you see here?



Double Double Word Search

- HYDROGEN
- MOLECULE
- COMBINED
- VEHICLES
- REACTION
- PRODUCE
- OXYGEN
- ENERGY
- WATER
- POWER
- MOVE
- BURN
- DAYS
- CAR
- AIR

Find the words in the puzzle. Then look for each word in this week's Kid Scoop stories and activities.

D S E L C I H E V H
E L U C E L O M Y E
N R U B O C L D E N
I M E A X R R N C E
B S O E Y O E R U R
M Y R V G P T W D G
O A O E E R A W O Y
C D N E N I W R R P
N O I T C A E R P S

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

FROM THE Kid Scoop LESSON LIBRARY

Estimation

Find an interesting ad in today's newspaper. Estimate how many ads of that size can fit on the page. Then, measure to find the exact answer. How close was your estimation?

Standards Link: Math: Estimation.



ANSWER: A fire engine.

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