



imagine

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around in deep snow. But Kerry wanted his bus to do more than that. He calls his bus the New Yellow Bus. At first, it looks almost like your school bus, but when they put the snow tracks on, it starts to look a little like a tank. Kerry says that with these tracks, the bus can go almost anywhere – maybe even to the North Pole.

The New Yellow Bus has lots of tricks. When you go inside, you will notice the floor is very close to the ground. This makes it easier for people in wheelchairs to get on and off. The seats in the back are higher

than the seats in front – just like in a movie theater - so you can see over other people's heads. When you sit down, you might watch a big monitor, which is a TV screen located behind the driver. The monitor can show you interesting things about where you're going, like what time Old Faithful will spout, or it can even show you nearby animals filmed from a camera on top of the bus. By pushing a button, the driver can make the roof slide open to give you a better look around. Kerry says the best thing about this bus is that it protects the environment because it can use clean fuels like natural gas, propane or hydrogen. What a fun way to get around!

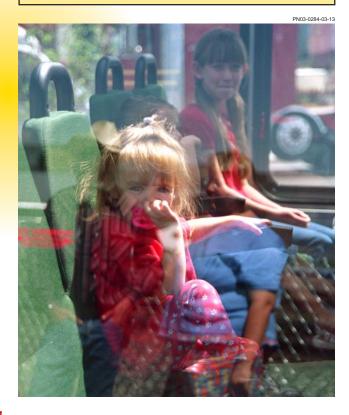




Kerry Klingler, who designed the New Yellow Bus, answers reporter's questions. The Yellow bus is fun for kids and grownups alike!

Microscopic Fact

INEEL engineers have designed other futuristic vehicles including electric cars and commuter trains.





FUEL FACT QUIZ	Natural Gas	Propane	Hydrogen
Where we get it from in nature	Underground Natural Gas Deposits	Oil and Natural Gas	Water and Natural Gas
What we get after it's burned	Carbon-Dioxide and Carbon-Monoxide	Carbon-Dioxide and Carbon-Monoxide	Water
Color of Flame	Blue	Yellow and Blue	Invisible
Common Uses	Heating Houses, Making Hydrogen	Barbeques, Lamps Heating Houses, Powering Forklifts	Making Plant Food, Refining Oil, Making Peanut Butter

The New Yellow Bus can use many different kinds of fuel that are better for the environment than gasoline. Read the facts about these three clean fuels and answer the questions below.

A. Which fuel is found in nature in the same form as the fuel we use?

- B. Which fuel has a flame you can't see?
- C. Which fuel can be used to make other kinds of fuel?
- D. Which fuel doesn't make carbon dioxide when it is burned?
- E. Which fuel is used for powering vehicles like forklifts?



STORY QUIZ!

- Kerry Klinger designed a
- Old Faithful is located in
- iii. Clean fuels include propane, hydrogen and
- iv. Our environment includes land, air and water and _____ and ____ that live in them.

MATCHING!

- a. Geyser Seeming like it's from the future
- b. Predictable Land, water, air and, the plants and animals that live in them
- __ Always happens when c. Futuristic you expect it to
- d. Environment ATV screen
- e. Monitor A natural hot spring that spouts hot water from deep inside the earth

WORD SCRAMBLE!

Find the words from the story in the scrambled letters

EWLEYSOTNLO TAANONLI RPKA **NNEERTNIVM GEEERNNI**



- (a) Clean Fuels Fuels that can power cars, trucks, homes or businesses without pollution.
- **b** Environment All the things that surround us in nature including the land, the air, the water and all the plants and animals that live in them. We can all be careful of the environment by not polluting it.
- (c) INEEL Short for the Idaho National **Engineering and Environmental Labora**tory. It is a place where people think of new ways to build things to make our lives better. Some of these things are very futuristic, or in other words, they seem like they are from the future. The New Yellow Bus has many futuristic features, but it is real.
- (d) Old Faithful The most famous geyser in Yellowstone Park. A geyser is a natural hot spring that spouts water. Every day, Old Faithful spouts hot water high in the air from inside the earth. It is so predictable, or always on time, that the people at the park can tell almost exactly when it will spout. That's why they call it Old Faithful.
- (e) Vehicle Anything with wheels, tracks or runners that can carry people or things.



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