

Non-Fiction Article {Electric Cars}

PDF & Digital Editions



2 Peas and a Dog

Middle School Teaching Resources



RESOURCE INCLUDES

- Lesson Plan
- Teacher Instructions
- Individual PDFs for Google Drive
- Google Slides for 1:1 Schools
- Audio files of the articles
- Pre-reading K-W-L chart
- Non-fiction article (modified and regular text)
- 3 Post reading activities
 - ✓ Comprehension questions
 - ✓ Grammar questions
 - ✓ Long response writing

EXAMPLE PAGES

ELECTRIC CARS

What is an electric vehicle (EV)?
An EV is a vehicle that is powered by electricity (instead of gas).
Electric vehicles run on battery power and need to be plugged in to be recharged on a regular basis.



Electric vehicles are becoming more common and they offer a way people can drive cars without polluting the air because EVs have zero emissions.

Arguments Supporting Electric Vehicles

EVs don't have an exhaust system like gas-powered cars, so people driving them can help reduce greenhouse gases and make the planet cleaner.

They also need less maintenance because you don't need oil changes and the brakes generally last longer on EVs. Electric vehicles are also very quiet.

In some places, it is cheaper to pay for electricity than gas. It can cost anywhere from approximately \$160-\$600 USD to charge a medium-size EV for the year.

Gas for a medium-size car would cost approximately \$1,000 to \$1,200 USD for one year.

The cost to charge on EV can be cheaper than the cost of gas, although the cost varies depending how much electricity and gas cost in a specific area.

There can also be other benefits to driving an EV, such as being allowed to drive in the HOV (high-occupancy vehicle) lane when you are all alone (this lane usually needs 2 or more people).

The use of HOV lanes can be a big timesaver if you live in a busy area with lots of traffic or commute regularly to your job by car.

K-W-L CHART

Topic: _____

K	W	L
What do I already know about this topic?	What do I want to know about this topic?	What new things did I learn about this topic from the article?

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THINKING QUESTION

Assessment	Below Expectations	Meets Expectations	Above Expectations
	✓-	✓	✓+

Are electric vehicles a good idea? Explain your thinking.

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LESSON PLAN



Electric Vehicles

Lesson Overview:

Students will work on their non-fiction reading skills while reading this article.

Materials Needed:

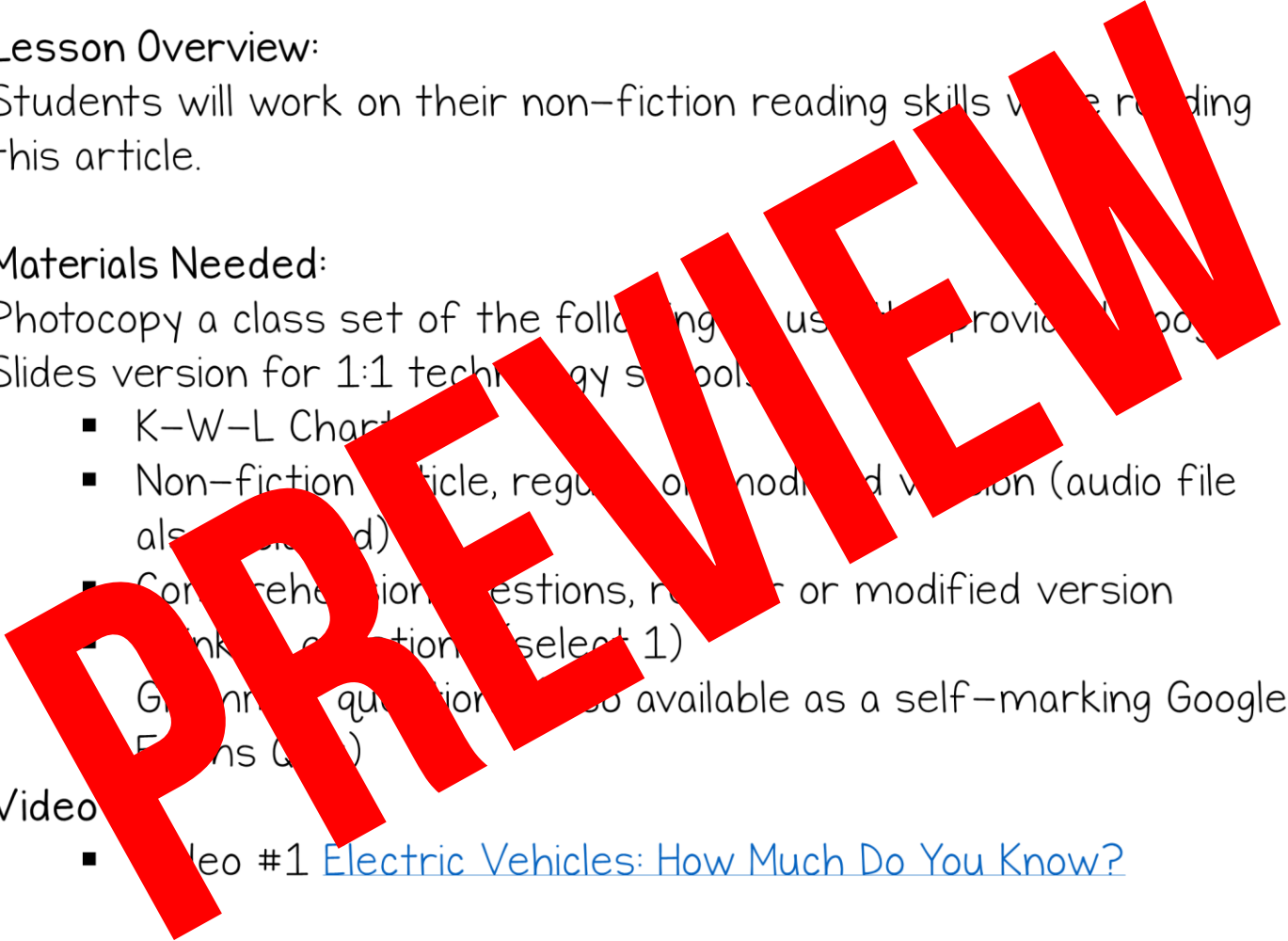
Photocopy a class set of the following resources with the provided photos.

Slides version for 1:1 technology schools.

- K-W-L Chart
- Non-fiction article, regular or modified version (audio file also provided)
- Comprehension questions, regular or modified version
- Link to a video (select 1)
- Grammar question (also available as a self-marking Google Forms Quiz)

Video

- Video #1 [Electric Vehicles: How Much Do You Know?](#)



K-W-L CHART

Topic:

K

W

L

What do I already know about this topic?

What do I want to know about this topic?

What new things did I learn about the topic from the article?

PREVIEW

ELECTRIC CARS

What is an electric vehicle (EV)?

An EV is a vehicle that is powered by electricity (instead of gas). Electric vehicles run on battery power and need to be plugged in to be recharged on a regular basis.

Electric vehicles are becoming more common and they offer a way people can drive cars without polluting the air because EVs have zero emissions.

Arguments Supporting Electric Vehicles

EVs have an exhaust system like gas-powered cars, but they don't drive, so they can't pollute. This helps reduce greenhouse gases and makes the planet a better place.

They also need less maintenance because you don't need oil changes and the brakes generally last longer on EVs. Electric vehicles are also very quiet.

In some places, it is cheaper to pay for electricity than gas. It can cost anywhere from approximately \$160-\$600 USD to charge a medium-size EV for the year.



Electricity for a charging station can cost for a medium-size car could cost approximately \$160 to \$1,200 USD for one year.

The cost to charge an EV can be cheaper than the cost of gas, although the cost varies depending how much electricity and gas cost in a specific area.

There can also be other benefits to driving an EV, such as being allowed to drive in the HOV (high-occupancy vehicle) lane when you are all alone (this lane usually needs 2 or more people).

The use of HOV lanes can be a big timesaver if you live in a busy area with lots of traffic or commute regularly to your job by car.