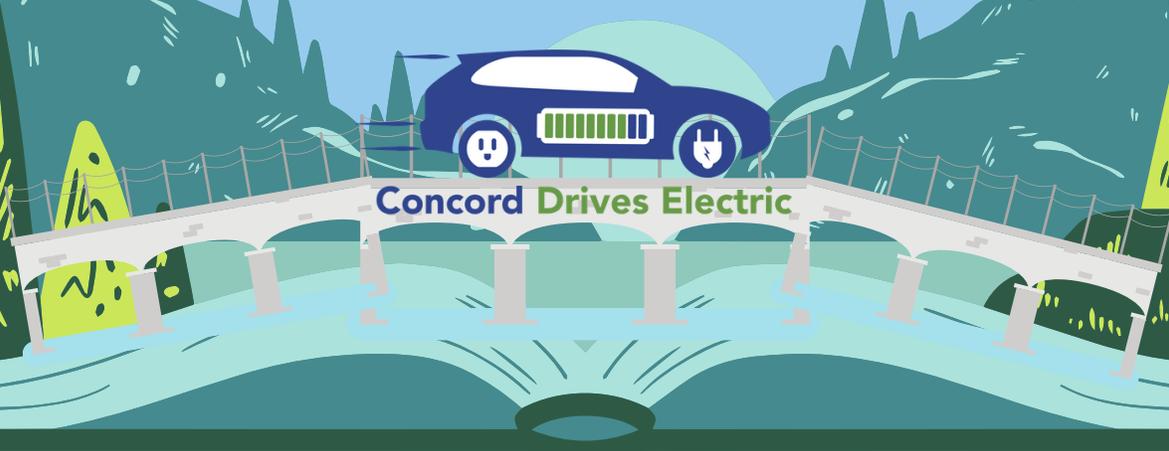


CONCORD DRIVES ELECTRIC



EVolves

EV Activity Book



Concord Drives Electric

Concord EVolves

Welcome to the Concord EV Activity Book!

Concord Drives Electric is proud to present our EV Activity Book! We hope you enjoy working through this booklet and hope you find it both fun and informative.

In these uncertain times, a lot has changed, but one thing that has never changed is our commitment to providing our customers with affordable and efficient energy, resources and support. At Concord Municipal Light Plant, we're here for you!

Want to learn more about EVs, green energy and our incentive programs? Visit our website or reach out to our EV Specialist Support Service to learn more about

EVs & Charging Basics
Benefits to Concord Drivers
Calculating your potential savings
Setting up a test drive
And MORE!

Visit us at: concordma.gov or email us at ev@ene.org



CHARGING CHALLENGE



Hi! I'm PHyl, and I'm a PHEV, or a Plug-In Hybrid Electric Vehicle! My favorite fuels are gas and electricity!

Hi! I'm BEVerly and I'm a BEV, or a Battery Electric Vehicle! My favorite fuel is electricity!



Hi! I'm REVer. Can you help BEVerly & PHyl find charging? Find the right path and label the correct level. Use the guide on the next page to help you!



Charging Challenge



Level 1 "Regular"

Home!

- Uses a standard outlet (the same type of outlet that you charge your phone with!)
- No "charging station" needed! Take a few seconds to plug your car in each night. By the next morning you're ready to go!
- Level 1 works best for plug-in hybrid electrics (PHEVs) with small batteries, and/or people who do not drive much each day.

2



Level 2 "Plus"

Home, offices, and more!

- Uses a round outlet called a NEMA 14-50 (like the outlet you'd plug an electric stove or clothes dryer into).
- Wired to an electrical panel, or hard-wired to a wall-mounted EV charging station.
- Most common type of charging (private and public) and adds up to 70 miles of range per hour. Get a full charge overnight!

3

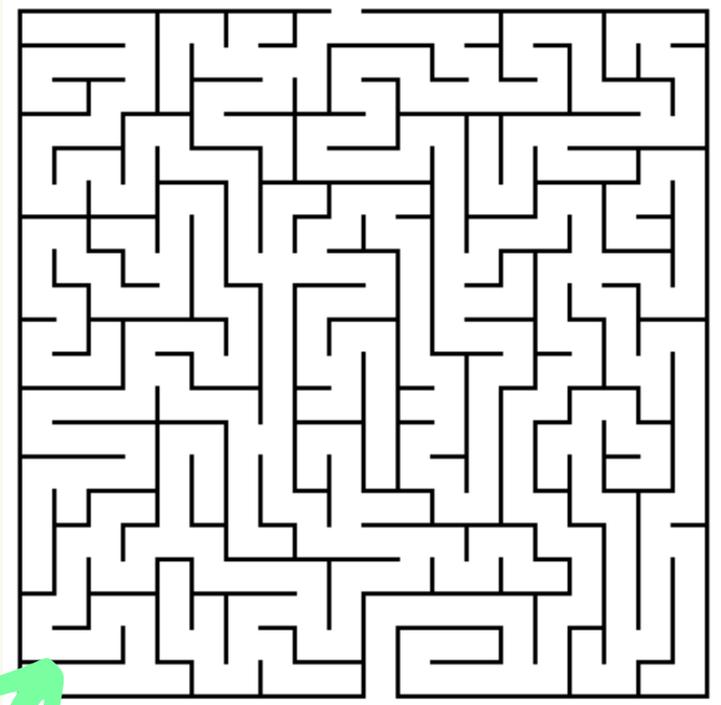


Level 3 "Premium"

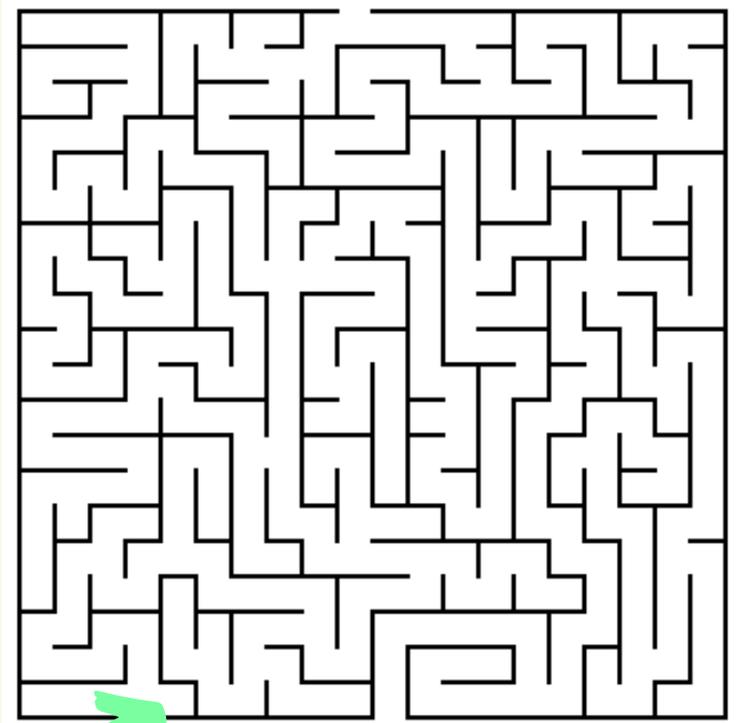
Rest stops, community hubs!

- Also known as public DC Fast Charging, Quick charging, and Supercharging
- Level 3 adds hundreds of miles of range per hour of charging. Charge in around 30 minutes, or while you grab some lunch on a fun road-trip!

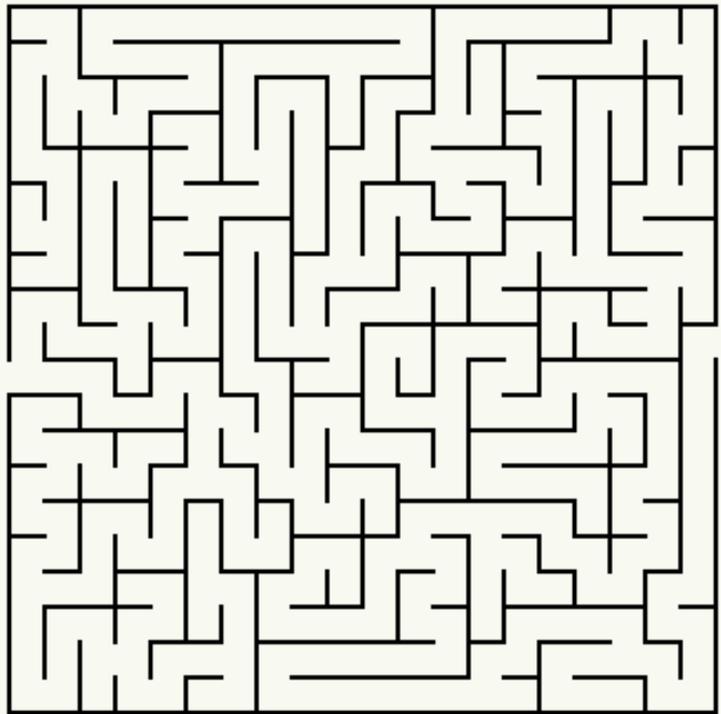
Charging Challenge



LEVEL



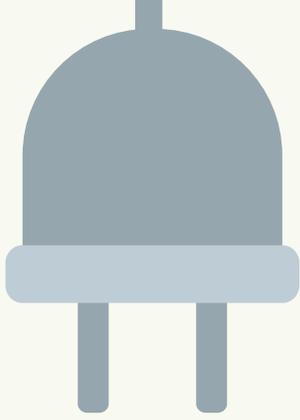
LEVEL



LEVEL



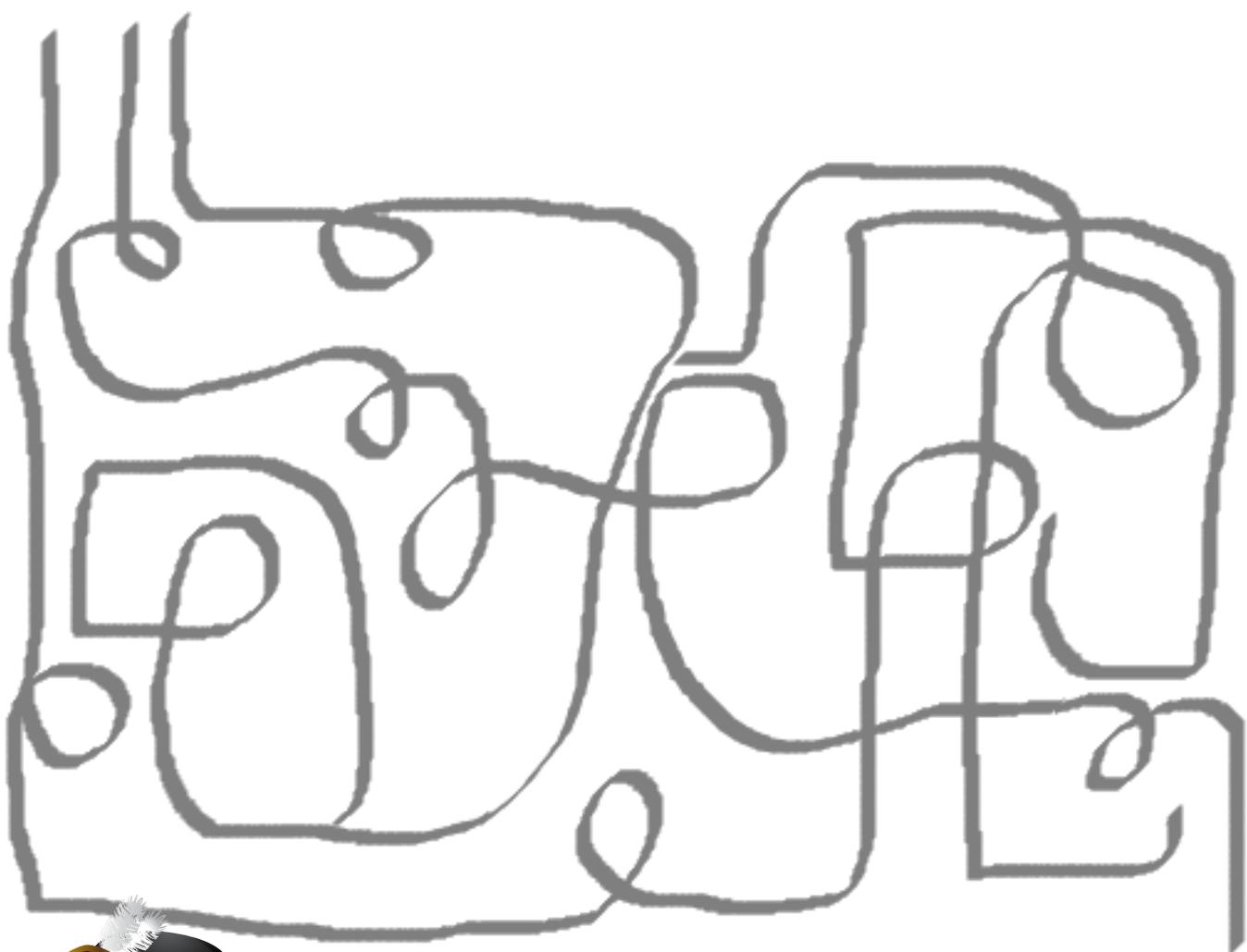
TANGLED WIRES



START



Find the correct wire that leads from the plug to the outlet

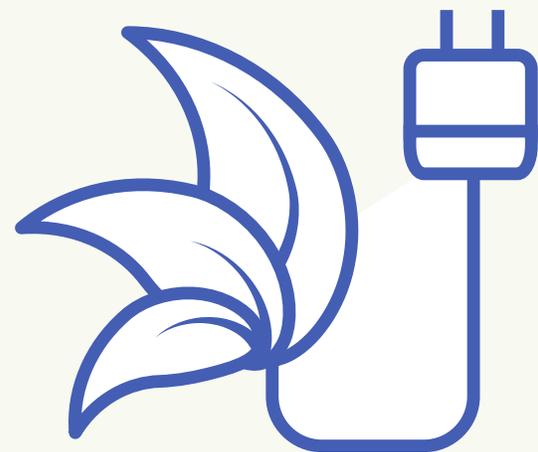
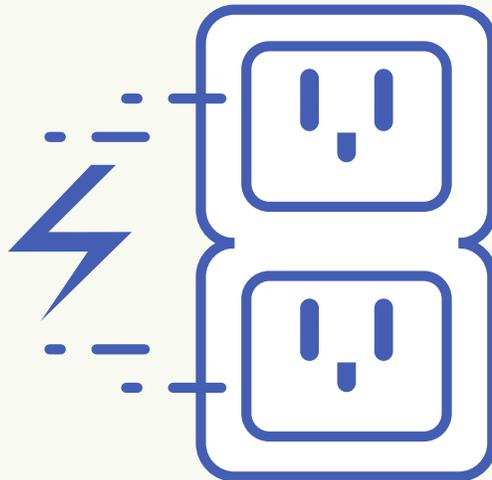
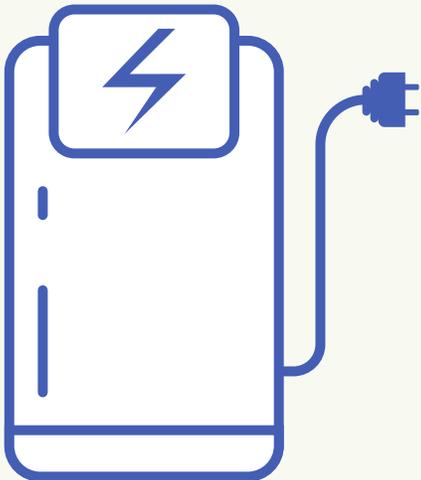
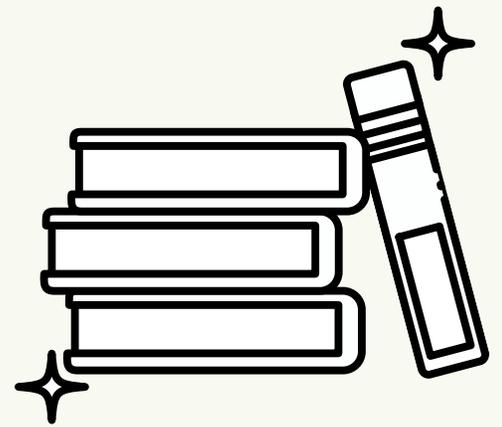
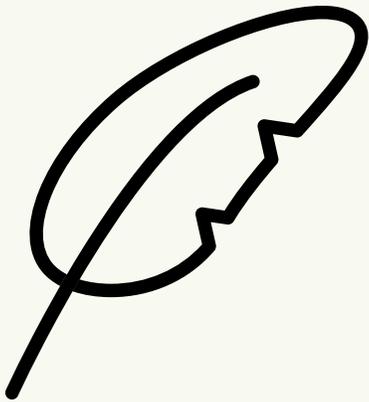
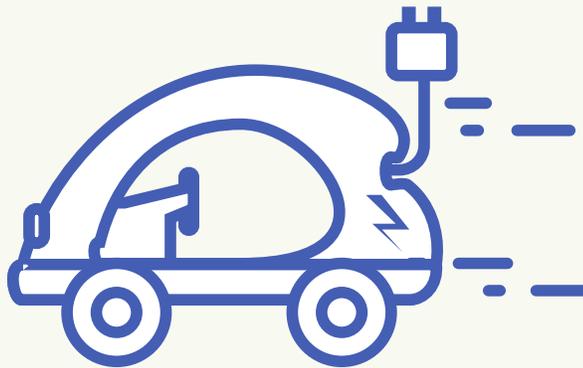
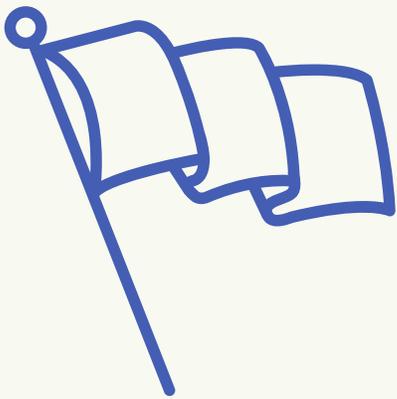


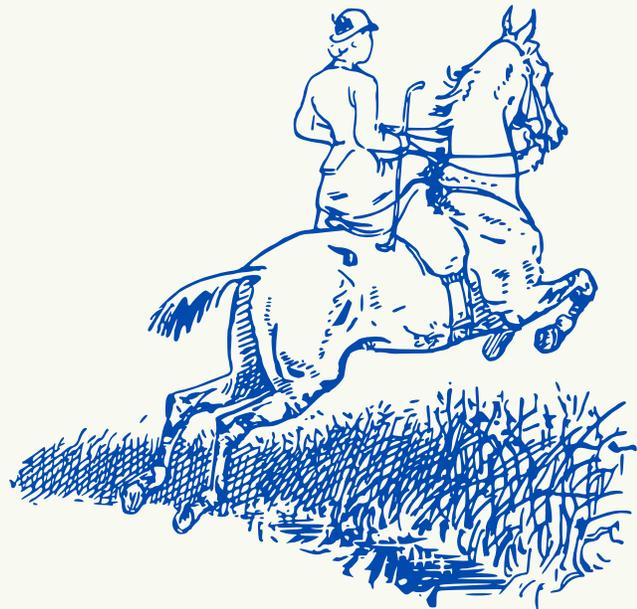
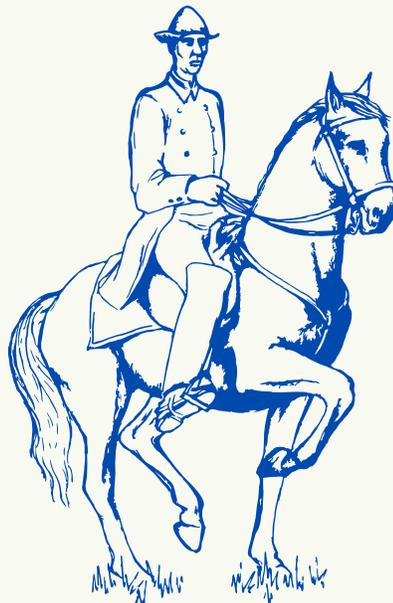
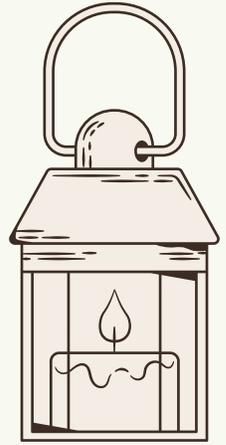
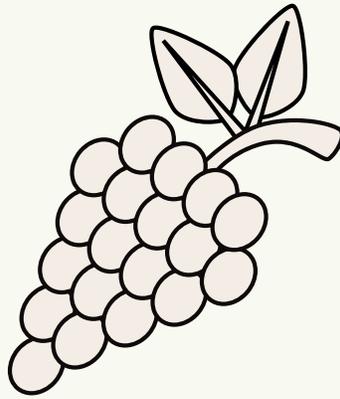
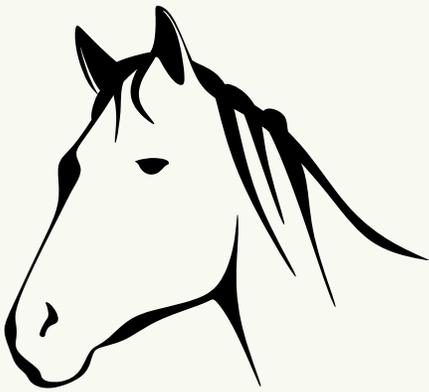
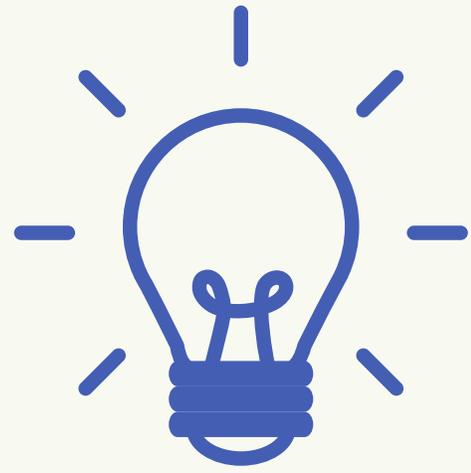
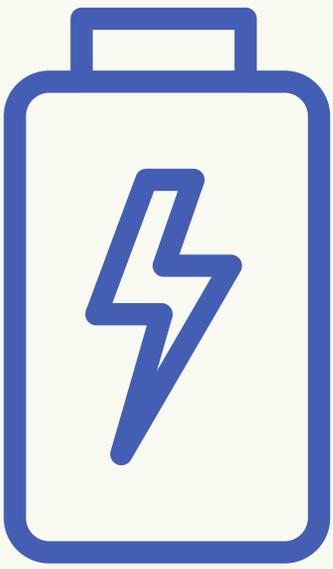
FINISH



COLORING PAGES

*Color on regular paper, or use label paper
and make your own at home stickers!*





TRUE OR FALSE?

T / F

1

People drove electric cars before they drove gasoline cars

2

EVs have been around since the 1800s

3

An electric car battery is fueled by electricity from the power company/ grid.

4

The energy for an electric car comes from a battery.

5

A PHEV can use either electricity or gasoline.

6

Electric car batteries last a very long time.

7

Charging an EV costs less than using gasoline to drive.

8

Tesla is the only car manufacturer that makes an electric car

9

Some electric cars can drive over 200 miles on one charge.

10

Electric cars use less energy than gasoline cars.

11

EVs make air cleaner in cities and towns.

12

EVs travel farther with the same energy as a gas car.

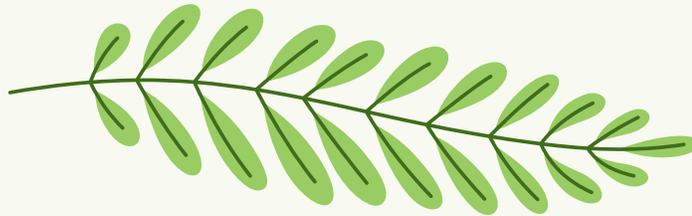


TRUE!

Thomas Edison and one of the original EVs in the 1800s.

*You can learn more about EV history from our blog post "**Electrifying History: The Present is Past!**". Go to braintree-ev.ene.org/blog to read it!*

1,2,3,4,5,6,7,9,10,11,12



FALSE!

8

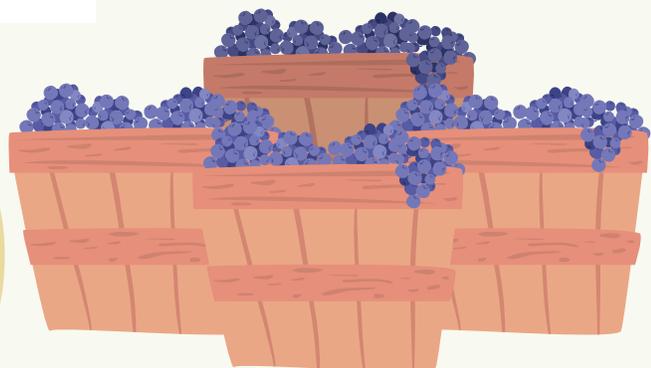
Lots of your favorite brands make EVs, including Chevy, Ford, Hyundai, Nissan, Toyota, Subaru, BMW and more!

WORD HUNTE



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

**ELECTRIC
FUEL
CHARGE
SAVE
ENERGY
EARTH
CONCORD
DRIVE**





EV QUEST

Can you win EV Quest by finding things from this activity book and our website (concordma.gov/2169/electric-vehicles)?

MOST
COMMON
CHARGING
LEVEL

PICTURE
OF A
REAL
CAR

3
BENEFITS
OF EVS

"THOUSANDS\$
MORE IN
DISCOUNTS"



FASTEST
CHARGING
LEVEL

1 FACT
FROM
OUR
BLOG

LENGTH
OF EV
BATTERY
WARRANTY

TYPE OF EV
THAT USES
GAS &
ELECTRICITY



QUIZ CORNER

1 | You can find EV charging locally at:

- a) Concord Municipal Light Plant (1175 Elm St)***
- b) Walden Pond Visitor Center (915 Walden St)***
- c) West Concord MBTA Parking Lot (6B Commonwealth Ave)***
- d) All of the Above - And More!***



2 | Which of these has an electric version?

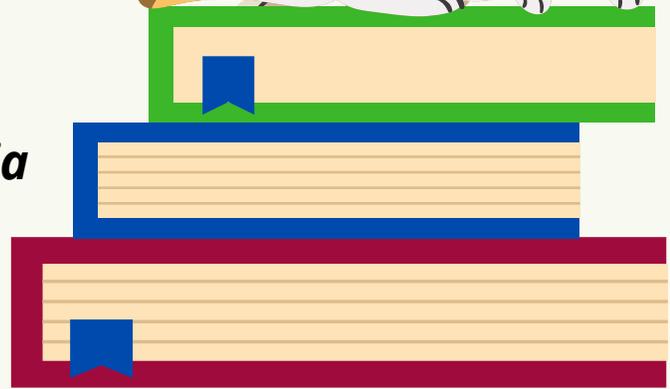
- a) Cars***
- b) Trucks***
- c) Motorcycles***
- d) All of the above - and more!***

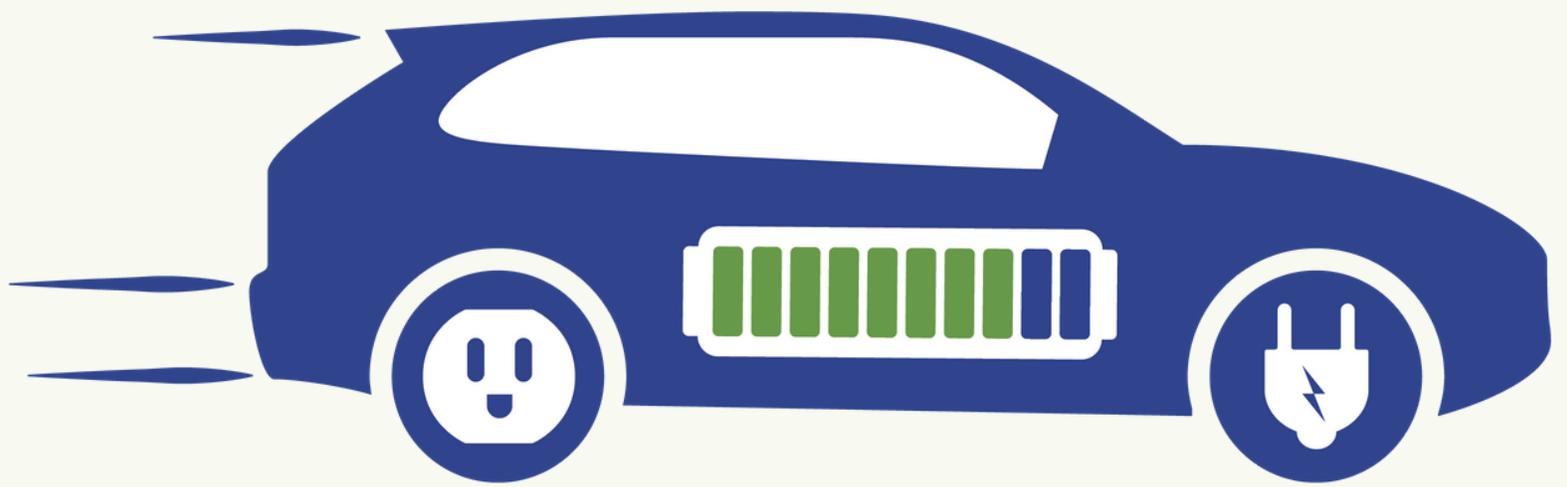


3 | Where can you learn more about EVs?

- a) Concord Drives Electric Website***
- b) Concord EV Specialist Email***
- c) Concord Drives Electric Social Media***
- d) All of the above***

Answers: 1. D, 2. D, 3. D





Concord Drives Electric

ConcordDrivesElectric.org

 *You can use me to decorate your creations!*

We want to hear from you!

Share your creativity by making EV themed crafts, decorations and treats! Share using the #ConcordEVolves and you may be featured on our social media pages!



