

### BACKGROUND

Oil and natural gas are widely used as transportation fuels. Most of our cars run on petroleum. Some vehicles are more efficient than others and allow us to go farther with less fuel while being kind to the environment.

### QUESTION

Why is the miles per gallon (mpg) rating of a car important?

### MATERIALS

- 3" x 5" Cards
- Internet access for students (see "optional" note below)
- Bag of pretzels (or alternative food item)
- Plastic sandwich bags
- Three signs (Home, Near Town, Far Town)



### PREPARATION

1. Prepare a plastic bag with ten pretzels or an alternative for each student.
2. Make three signs, one labeled "Home", one labeled "Near Town", and one labeled "Far Town."
3. The signs should be large enough to see from across the room.
4. Select a large area and place the Home, Near Town, and Far Town signs on poles or walls. The distance from Home to Near Town should be 50 steps. The distance from Home to Far Town should be 100 steps. (Do not give these distances to students.)

### PROCEDURE

1. Have students look up a car they would like to drive on [www.fueleconomy.gov](http://www.fueleconomy.gov). On 3" x 5" cards, students should record the car's name, model year, miles per gallon, and the number of passengers the car holds. It may be helpful if students have chosen an FFV (flex fuel vehicle), that they choose which fuel they will use—gasoline or E85—before recording mileage.

**OPTIONAL:** Depending on the age and independence of your students, you may wish to use the information on pages 3-15 to print pre-made automobile cards. If you would like to print the cards on adhesive labels (Avery 5392). When handing out cards for vehicles using Flex Fuel, assign the fuel choice to students.

2. Distribute a bag of pretzels to each student. Tell students not to eat the pretzels until they are instructed to begin.
3. Explain to the students that each pretzel represents one gallon of gasoline, and each step (heel-to-toe) the student takes represents one mile traveled.
4. Students eat a pretzel and take the appropriate number of steps before eating the next pretzel. All steps are heel-to-toe

# Pretzel Power

## ROUND ONE

- Use only five pretzels for this round. Each person will drive his/her car to work in Near Town and return Home. If anyone runs out of fuel (pretzels), he/she must stay at that point until round one is over. Line up at Home and start stepping!
- **Discuss:**
  - Which cars got you to work and home? Which didn't?
  - Did anyone have extra fuel remaining?
  - What alternatives to driving your own car are there?

## ROUND TWO

- Use the remaining five pretzels and try some of the alternative suggestions discussed above. Everyone will travel to Far Town and return Home. Expect "negotiations". Suggest students carpool to work. Drivers may eat each passenger's pretzels as fuel. Line up at Home and start stepping!
- **Discuss:**
  - Who made it to Far Town and back? How did you do this?
  - Who did not make it to Far Town and back? Why not?



# Pretzel Power

## 2008 BMW 335ci Manual Convertible

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	20
<b>MAXIMUM RANGE</b>	322

## 2008 Volvo V50 AWD

<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	332

## 2009 Jeep Liberty 2WD

<b>CLASS</b>	SUV 2WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	351

## 2009 Dodge Caliber

<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	22
<b>MAXIMUM RANGE</b>	299

## 2009 Saturn Vue Hybrid

<b>CLASS</b>	SUV 2WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	28
<b>MAXIMUM RANGE</b>	504

## 2009 Nissan Xterra 4WD

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	17
<b>MAXIMUM RANGE</b>	359

## 2009 Aston Martin DBS Coupe - Manual

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	13
<b>MAXIMUM RANGE</b>	266

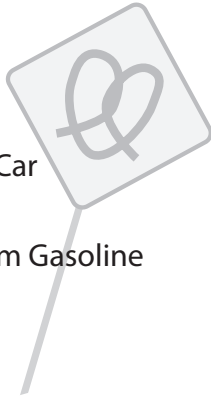
## 2010 Acura RL

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	349

# Pretzel Power

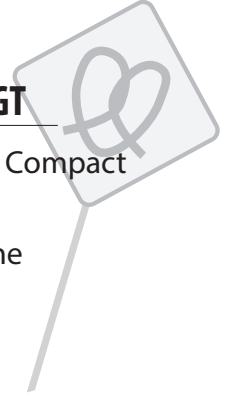
## 2010 Dodge Viper Coupe

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	16
<b>MAXIMUM RANGE</b>	256



## 2010 Bentley Continental GT

<b>CLASS</b>	Luxury Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	13
<b>MAXIMUM RANGE</b>	309



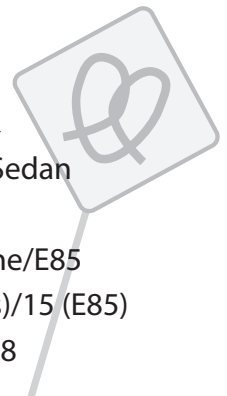
## 2010 Ford Taurus FWD

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	22
<b>MAXIMUM RANGE</b>	418



## 2010 Buick Lucerne FFV

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	20 (gas)/15 (E85)
<b>MAXIMUM RANGE</b>	370/278



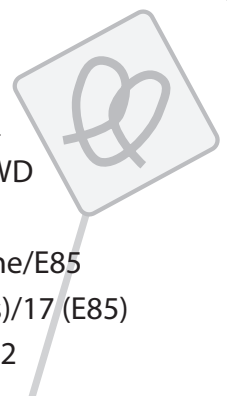
## 2010 Hummer H3T4WD

<b>CLASS</b>	Pickup 4WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	16
<b>MAXIMUM RANGE</b>	432



## 2010 Chevrolet HHR FFV

<b>CLASS</b>	SUV 2WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	25 (gas)/17 (E85)
<b>MAXIMUM RANGE</b>	400/272



## 2010 Hyundai Elantra

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	29
<b>MAXIMUM RANGE</b>	406



## 2010 Mazda 6

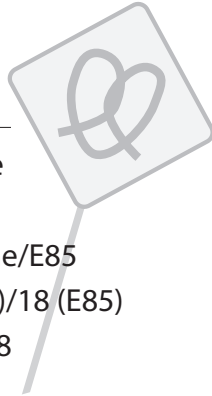
<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	24
<b>MAXIMUM RANGE</b>	444



# Pretzel Power

## 2011 Chevrolet Malibu FFV

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	26 (gas)/18 (E85)
<b>MAXIMUM RANGE</b>	416/288



## 2010 Toyota Prius

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	50
<b>MAXIMUM RANGE</b>	595



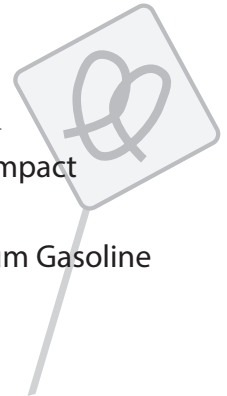
## 2011 Honda Fit

<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	318



## 2011 Audi S5 Cabriolet

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	20
<b>MAXIMUM RANGE</b>	338



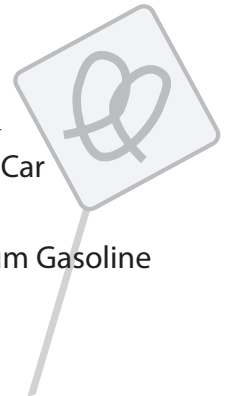
## 2011 Kia Forte Eco

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	3
<b>MAXIMUM RANGE</b>	411



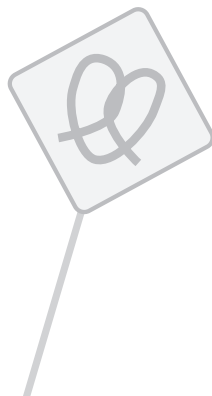
## 2011 Bugatti Veyron

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	10
<b>MAXIMUM RANGE</b>	264



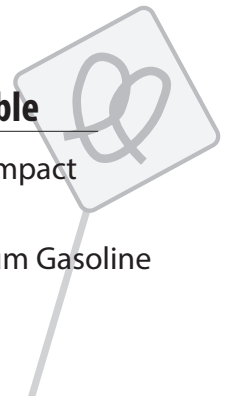
## 2011 Lexus RX 450h

<b>CLASS</b>	SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	516



## 2011 Mini Cooper Convertible

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	396



# Pretzel Power

## 2012 Azure Dynamic Transit Connect

<b>CLASS</b>	Van, Special Purpose
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	62e
<b>MAXIMUM RANGE</b>	56

## 2011 Porsche 911 Carrera 4S Targa

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	20
<b>MAXIMUM RANGE</b>	354

## 2012 BMW Active Hybrid 7

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	20
<b>MAXIMUM RANGE</b>	434

## 2011 Subaru Outback AWD

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	24
<b>MAXIMUM RANGE</b>	444

## 2012 Cadillac CTS Supercharger

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	14
<b>MAXIMUM RANGE</b>	252

## 2011 Toyota Yaris

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	31
<b>MAXIMUM RANGE</b>	344

## 2012 Coda

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	73e
<b>MAXIMUM RANGE</b>	88

## 2012 Ferrari 458 Italia Spider

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	14
<b>MAXIMUM RANGE</b>	318

# Pretzel Power

## 2012 Land Rover Range Rover Sport

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	15
<b>MAXIMUM RANGE</b>	345

## 2012 Fiat 500 Abarth

<b>CLASS</b>	Minicompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	31
<b>MAXIMUM RANGE</b>	326

## 2012 Lincoln MKT FWD

<b>CLASS</b>	SUV 2WD
<b>NUMBER OF PASSENGERS</b>	7
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	20
<b>MAXIMUM RANGE</b>	372

## 2012 GMC Acadia AWD

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	8
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	19
<b>MAXIMUM RANGE</b>	418

## 2012 Maserati Quattroporte

<b>CLASS</b>	Large Luxury Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	15
<b>MAXIMUM RANGE</b>	357

## 2012 Jaguar XJ LWB

<b>CLASS</b>	Large Luxury Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	391

## 2012 Mitsubishi i-MiEV

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	112e
<b>MAXIMUM RANGE</b>	52

## 2012 Rolls-Royce Phantom Coupe

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	14
<b>MAXIMUM RANGE</b>	369

# Pretzel Power

## 2013 BYD e6

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	63e
<b>MAXIMUM RANGE</b>	127



## 2012 Scion XD

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	29
<b>MAXIMUM RANGE</b>	322



## 2013 Chevrolet Volt

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Plug-in Hybrid
<b>COMBINED MPG</b>	98e/37 (gas)
<b>MAXIMUM RANGE</b>	38e/380



## 2013 Honda Civic CNG

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	CNG
<b>COMBINED MPG</b>	31e
<b>MAXIMUM RANGE</b>	193



## 2013 Dodge Charger FFV

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	23 (gas)/17 (E85)
<b>MAXIMUM RANGE</b>	439/325



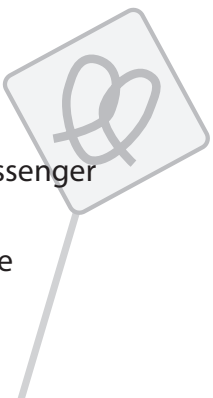
## 2013 Nissan Leaf

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	115e
<b>MAXIMUM RANGE</b>	75



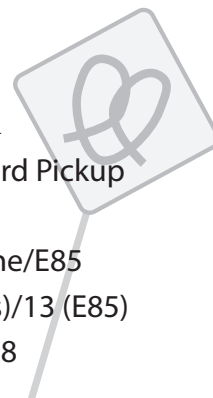
## 2013 Ford E350 Wagon

<b>CLASS</b>	Van, Passenger
<b>NUMBER OF PASSENGERS</b>	12
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	11
<b>MAXIMUM RANGE</b>	396



## 2013 GMC Sierra C15 XFE

<b>CLASS</b>	Standard Pickup
<b>NUMBER OF PASSENGERS</b>	3
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	18 (gas)/13 (E85)
<b>MAXIMUM RANGE</b>	468/338





# Pretzel Power

## 2013 smart fortwo Coupe Electric

<b>CLASS</b>	Minicompact
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	107e
<b>MAXIMUM RANGE</b>	68

## 2013 Jeep Wrangler Unlimited

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	405

## 2013 Toyota Rav 4

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	413

## 2013 Mercedes-Benz S400 Hybrid

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	500

## 2014 Audi Q5

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Diesel
<b>COMBINED MPG</b>	27
<b>MAXIMUM RANGE</b>	535

## 2013 Ram 1500 4WD

<b>CLASS</b>	Standard Pickup
<b>NUMBER OF PASSENGERS</b>	3
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	19 (gas)/13 (E85)
<b>MAXIMUM RANGE</b>	494/338

## 2014 Buick LaCrosse eAssist

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	29
<b>MAXIMUM RANGE</b>	458

## 2014 Chrysler 300 FFV

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	23 (gas)/17 (E85)
<b>MAXIMUM RANGE</b>	439/325

# Pretzel Power

## 2014 Mini JCW Countryman

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	322



## 2014 Ford Edge

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	22
<b>MAXIMUM RANGE</b>	403



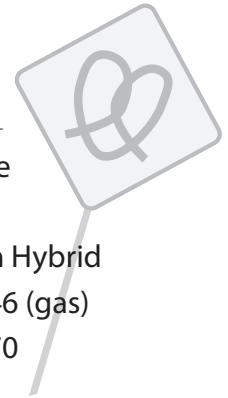
## 2014 Ford C-max Energy Plug-in

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Plug-in Hybrid
<b>COMBINED MPG</b>	88e/38 (gas)
<b>MAXIMUM RANGE</b>	20e/550



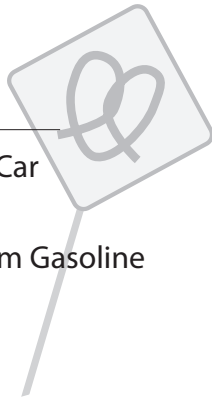
## 2014 Honda Accord

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Plug-in Hybrid
<b>COMBINED MPG</b>	115e/46 (gas)
<b>MAXIMUM RANGE</b>	13e/570



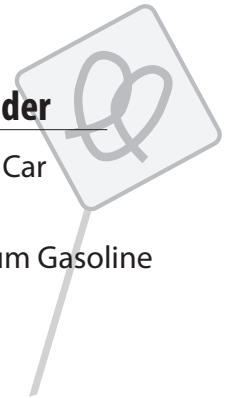
## 2014 Pagani Huayra Coupe

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	13
<b>MAXIMUM RANGE</b>	250



## 2014 McLaren MP4-12C Spider

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	250



## 2014 Subaru Forester AWD

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	27
<b>MAXIMUM RANGE</b>	429



## 2014 Kia Soul

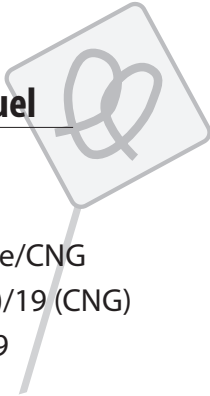
<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	369



# Pretzel Power

## 2015 Chevrolet Impala bi-fuel

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/CNG
<b>COMBINED MPG</b>	20 (gas)/19 (CNG)
<b>MAXIMUM RANGE</b>	368/119



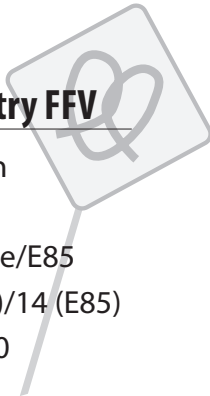
## 2014 Volkswagen Passat

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Diesel
<b>COMBINED MPG</b>	34
<b>MAXIMUM RANGE</b>	629



## 2015 Chrysler Town & Country FFV

<b>CLASS</b>	Minivan
<b>NUMBER OF PASSENGERS</b>	7
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	20 (gas)/14 (E85)
<b>MAXIMUM RANGE</b>	400/280



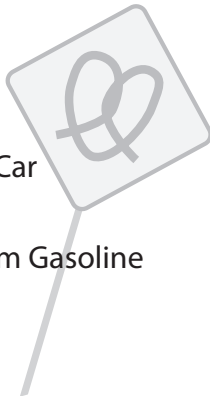
## 2014 Volvo XC60

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	388



## 2015 Dodge Viper SRT

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	15
<b>MAXIMUM RANGE</b>	240



## 2015 Acura TLX

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	28
<b>MAXIMUM RANGE</b>	482



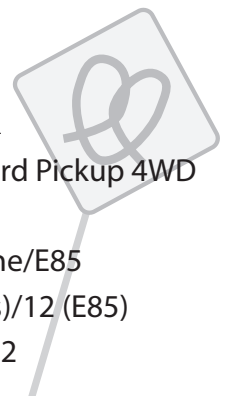
## 2015 Fiat 500e

<b>CLASS</b>	Minicompact
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	116e
<b>MAXIMUM RANGE</b>	87



## 2015 GMC Sierra K15 FFV

<b>CLASS</b>	Standard Pickup 4WD
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	17 (gas)/12 (E85)
<b>MAXIMUM RANGE</b>	442/312



# Pretzel Power

## 2015 Lincoln MKS

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	22
<b>MAXIMUM RANGE</b>	418



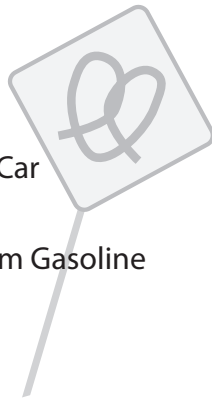
## 2015 Hyundai Veloster

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	396



## 2015 Mazda MX-5

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	23
<b>MAXIMUM RANGE</b>	292



## 2015 Infiniti Q50 Hybrid

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	31
<b>MAXIMUM RANGE</b>	552



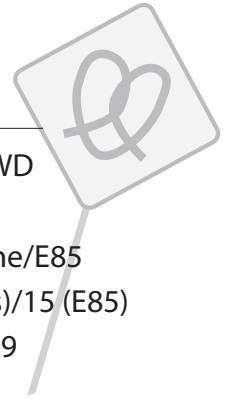
## 2015 Nissan Juke

<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	396



## 2015 Jeep Grand Cherokee

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline/E85
<b>COMBINED MPG</b>	19 (gas)/15 (E85)
<b>MAXIMUM RANGE</b>	467/369



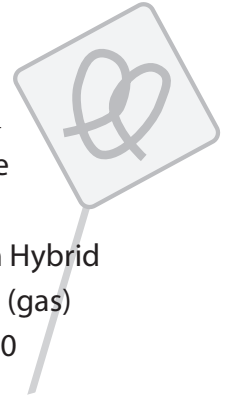
## 2015 Tesla Model S 90 kWh

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	89e
<b>MAXIMUM RANGE</b>	265



## 2015 Toyota Prius Plug-in

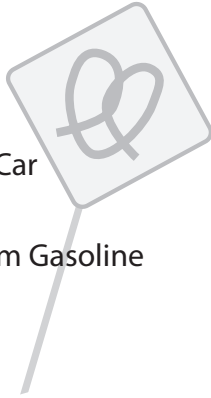
<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Plug-in Hybrid
<b>COMBINED MPG</b>	95e/50 (gas)
<b>MAXIMUM RANGE</b>	11e/450



# Pretzel Power

## 2016 Chevrolet Corvette

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	388



## 2015 Volkswagen Jetta

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Diesel
<b>COMBINED MPG</b>	36
<b>MAXIMUM RANGE</b>	522



## 2016 Ford Mustang Convertible

<b>CLASS</b>	Subcompact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	24
<b>MAXIMUM RANGE</b>	372



## 2016 Audi S4

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	338



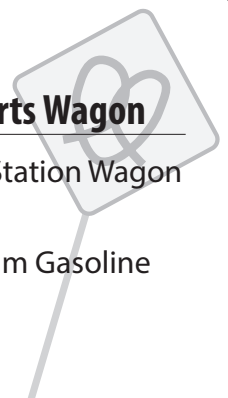
## 2016 Kia Optima Hybrid

<b>CLASS</b>	Midsized
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	38
<b>MAXIMUM RANGE</b>	703



## 2016 BMW 328i XDrive Sports Wagon

<b>CLASS</b>	Small Station Wagon
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Premium Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	411



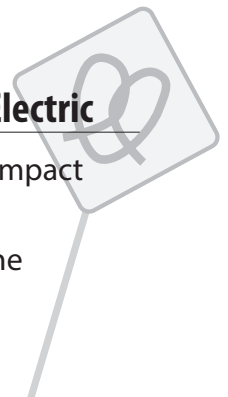
## 2016 Porsche Cayenne Diesel

<b>CLASS</b>	SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Diesel
<b>COMBINED MPG</b>	23
<b>MAXIMUM RANGE</b>	607



## 2016 smart fortwo Coupe Electric

<b>CLASS</b>	Minicompact
<b>NUMBER OF PASSENGERS</b>	2
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	36
<b>MAXIMUM RANGE</b>	277



# Pretzel Power

## 2016 Ford Escape Hybrid 4WD

<b>CLASS</b>	Small SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	403



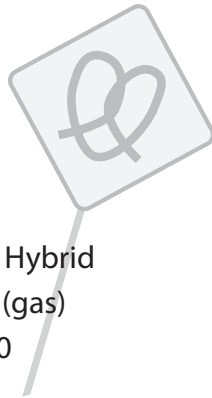
## 2016 Toyota Sienna

<b>CLASS</b>	Minivan
<b>NUMBER OF PASSENGERS</b>	7
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	21
<b>MAXIMUM RANGE</b>	420



## 2016 Volvo XC90 PHEV

<b>CLASS</b>	SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Plug-in Hybrid
<b>COMBINED MPG</b>	53e/25 (gas)
<b>MAXIMUM RANGE</b>	14e/350



## 2017 Nissan Altima

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	31
<b>MAXIMUM RANGE</b>	588



## 2017 Buick Encore

<b>CLASS</b>	SUV
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	420



## 2017 Audi A5 Quattro

<b>CLASS</b>	Sports Car
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	26
<b>MAXIMUM RANGE</b>	390



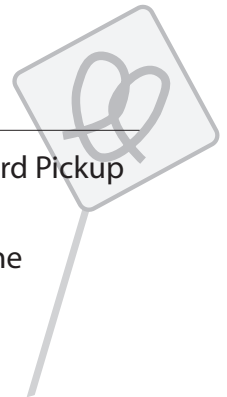
## 2017 Tesla Model S AWD – 90D

<b>CLASS</b>	Luxury Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	104e
<b>MAXIMUM RANGE</b>	294



## 2018 GMC Sierra K15 4WD

<b>CLASS</b>	Standard Pickup
<b>NUMBER OF PASSENGERS</b>	6
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	18
<b>MAXIMUM RANGE</b>	540



# Pretzel Power

## 2018 Chevrolet Cruze Premier

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	33
<b>MAXIMUM RANGE</b>	452



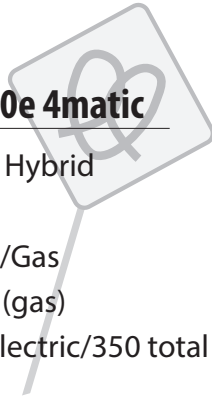
## 2018 MINI Cooper Hardtop 4 door

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	4
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	32
<b>MAXIMUM RANGE</b>	371



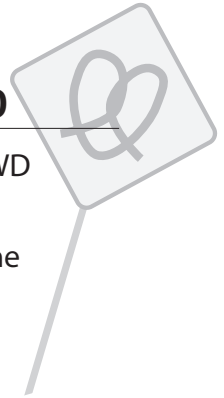
## 2018 Mercedes-Benz GLC350e 4matic

<b>CLASS</b>	Plug-in Hybrid
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric/Gas
<b>COMBINED MPG</b>	56e/25 (gas)
<b>MAXIMUM RANGE</b>	10 mi electric/350 total



## 2019 Cadillac Escalade AWD

<b>CLASS</b>	SUV 4WD
<b>NUMBER OF PASSENGERS</b>	8
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	17
<b>MAXIMUM RANGE</b>	442



## 2018 Tesla Model 3 Long Range

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Electric
<b>COMBINED MPG</b>	130e
<b>MAXIMUM RANGE</b>	310



## 2019 Volkswagen Beetle

<b>CLASS</b>	Compact
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	29
<b>MAXIMUM RANGE</b>	420



## 2019 Honda Accord 6 Speed Turbo

<b>CLASS</b>	Large Sedan
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Gasoline
<b>COMBINED MPG</b>	30
<b>MAXIMUM RANGE</b>	444



## 2019 Hyundai Sonata Hybrid

<b>CLASS</b>	Midsize
<b>NUMBER OF PASSENGERS</b>	5
<b>FUEL</b>	Hybrid
<b>COMBINED MPG</b>	41
<b>MAXIMUM RANGE</b>	652

