Activity Sheet

Use this activity sheet to complete your ethanol journey. If you have any questions remember you can replay that section of the activity.

Questions 1 – 6 Cover "What is Ethanol?"

1. Which engines are able to be fueled by ethanol?

2. Who invented the first car able to run off ethanol, gasoline, or a mixture of both?

3. Fill in the blank:_____ is the largest producer of ethanol in the world?

4. In your own words, explain what a renewable resource is and how it is different from a nonrenewable resource. Then give an example of both.

5. During ethanol production, what part of the corn kernel is used to make fuel?

6. Besides ethanol, what other products are made during the ethanol production process?

Ethanol's Environmental Benefits

1. What year did the "Clean Air Act" begin and why was it passed?

2. Name three benefits of ethanol for our planet?

Ethanol Economic Impact

1. Ethanol helps to create direct and indirect jobs. Please give one example of each.

2. Name 3 careers you could have within the ethanol industry.

Ethanol Uses

1. According to the simulation, what ethanol blended fuels are available to you at the pump? (You should have more than two for this answer)

2. What vehicle might run on a flex fuels like E85?

3. Nearly all cars and light trucks on the road today can run on what ethanol blended fuels?

4. What color indicates E85 fuel on both a vehicle's gas cap and fuel pump label?

Bonus: Complete the ethanol challenge and show your teacher the special badge you earned.