

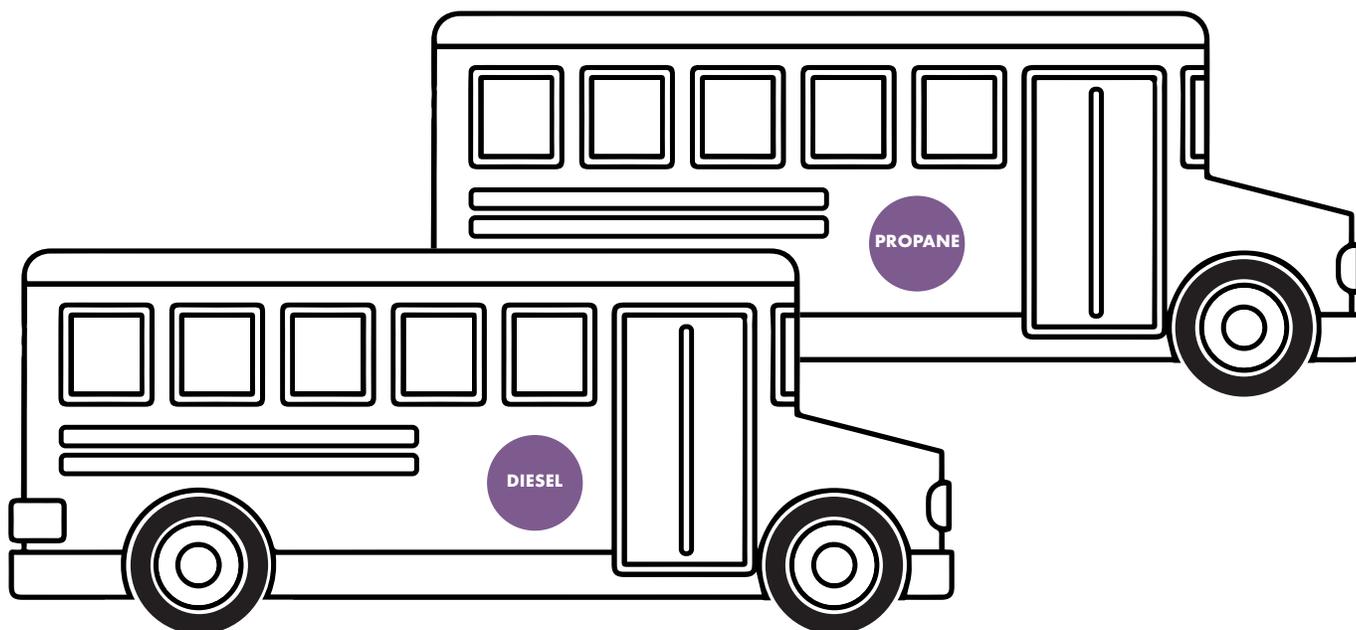
# GROWING AGRICULTURE

together.

Name: \_\_\_\_\_

## PROPANE AUTOGAS

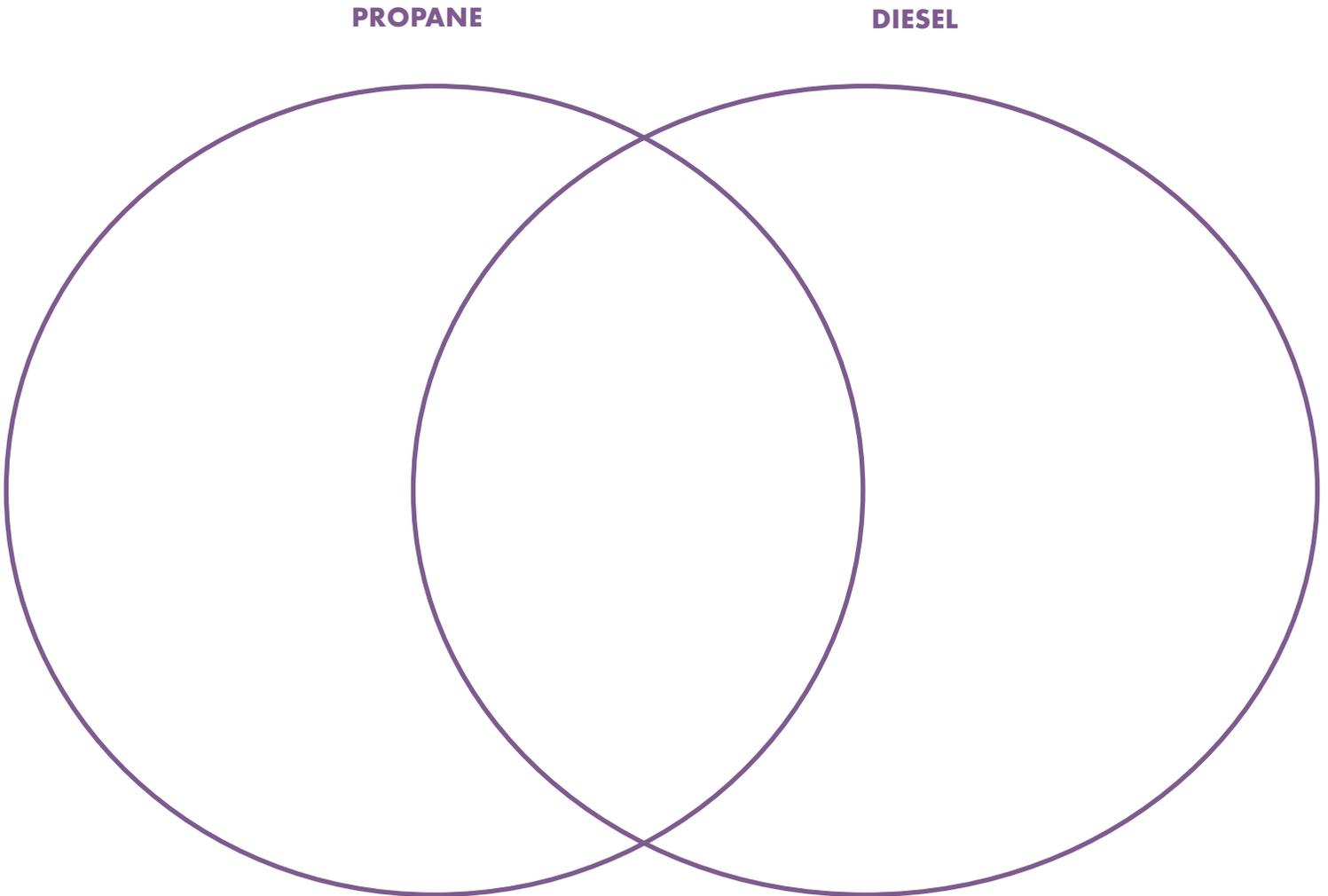
Propane doesn't just energize our farms, it's a fuel that can safely transport you from home to school. Propane autogas buses cost less to operate than gasoline and diesel, making it cheaper for the wheels on the bus to go round-and-round. Read the information below on the differences between diesel and propane buses and then fill out the Venn diagram on the back page.



Both propane and diesel school buses offer safe and reliable transportation for students getting to and from school. However, there are some differences in the two. The more common diesel buses are a great option as they offer more torque to the driveshaft and can withstand the rigors of higher compression. Propane buses, on the other hand, are becoming more popular as they provide superior cold-weather performance due to the fact that they don't have to be warmed up in the winter before driving. Plus, many like the fact that they use American-made fuel that doesn't spill.

Another difference between the two is where they can be fueled up. Diesel buses can be filled up at most fueling stations whereas propane buses can only be fueled at propane sites, which are often private sites that can be set up right next to a school or bus parking. The purchase prices of the buses are very similar with the propane buses starting at about \$90,000 and diesel buses starting at \$95,000. However, standard maintenance is often lower for propane buses.

Using the Venn diagram, compare and contrast the characteristics of propane and diesel using the options below.



**CHARACTERISTICS**

Can't spill

Average bus cost: \$90,000

Safe Transportation

Withstands the rigors of higher compression

Reliable Transportation

Average bus cost: \$95,000

Fuel at Propane Sites

Superior cold-weather performance

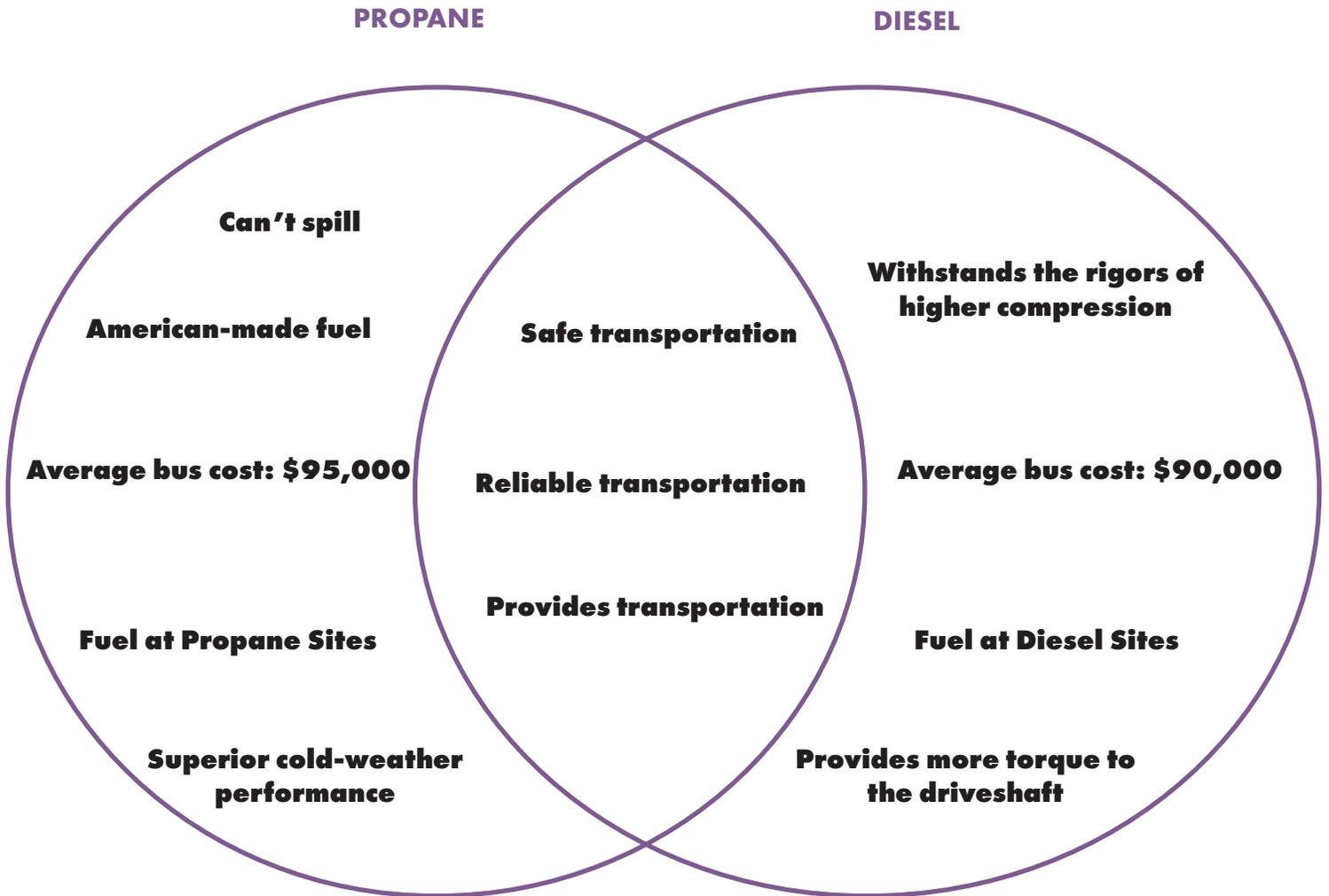
American-made fuel

Fuel at Diesel Sites

Provides Transportation

Provides more torque to the driveshaft

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