

## ACTIVITY 4: CNG- Is it Cleaner than Gasoline?

**Activity Objective:** Write an essay whether CNG is cleaner as a fuel than gasoline.

**Materials:** Chapter 1, paper, computer, printer, Internet Access

**Definition:**

**Review Videos:**

<https://youtu.be/q3LsZttJMUE>

**CNG Cars Pros and Cons: 5:03**

**Procedure:**

1. Work as partners or small teams.
2. Review the above videos.
3. Write an essay on the common belief that CNG is a clean fuel and if it is an accurate label or not.
4. In your essay detail the pros and cons of CNG compared to gasoline and diesel fuel
5. List the exhaust emissions and thermal output of all three fuels.



RUBRIC

4 World-Class Learner	3 Proficient Learner	2 Developing Learner	1 Emergent Learner
Learner at this level has gone beyond mastery of knowledge, skills, & attitudes described in project. World-class learner consistently exhibits high-quality performance.	Learner at this level has had opportunities to apply knowledge, skills, & attitudes of component of project. Proficient learner has mastered essential attributes, thus proving mastery.	Learner at this level has been exposed to & had opportunity to apply knowledge, skills, & attitudes of project. Developing learner may have only a few essential attributes to master before mastery.	Learner at this level may or may not have been exposed to knowledge, skills, & attitudes required by academic standards of the project.

**1= Emergent Learner**

**2 = Developing Learner**

**3 = Proficient Learner**

**4 = World-Class Learner**