Student Name

Diesel Truck Ban Presentation Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project area** | **Beginning** | **Needs Improvement** | **Proficient** | **Advanced** |
| Factual accuracy | Student’s statements have significant factual inaccuracies. | Student’s statements have some factual inaccuracies. | Student’s statements are factually correct, but do not always support their argument well. | Student’s statements are factually correct and support their argument well. |
| Argumentative speaking and writing | Student does not present an argument that supports their position and is not supported by evidence. | Student presents an argument that does not support their position well, or is not supported by evidence. | Student presents a thoughtful argument in support of their position. Argument is supported by some evidence | Student presents a thoughtful and compelling argument in support of their position. Argument is well supported by evidence. |
| Alignment to role | Student’s position and argument is not at all aligned with their role | Student’s position and argument is not well aligned with their role | Student’s position and argument is mostly aligned well with their role. | Student’s position and argument is aligned well with their role. |
| Answering questions | Student cannot answer questions about their argument. | Student struggles to answer questions about their argument. | Student is able to answer questions about their argument. | Student is able to answer questions about their argument, and use evidence to support their answers. |
| Craftsmanship | Student’s statement has numerous grammatical errors, and is not delivered smoothly. | Student’s statement has some grammatical errors, and may not be delivered smoothly. | Student’s statement is well-written, with few grammatical errors. Their presentation may not be delivered smoothly. | Student’s statement is very well-written, with few or no grammatical errors. Their presentation is delivered well. |

Student Name

Diesel Truck Ban Final Vote Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project area** | **Beginning** | **Needs Improvement** | **Proficient** | **Advanced** |
| Factual accuracy and completeness | Student’s statement has several factual errors or is missing most relevant details about what particulate matter is, how it affects the human body, and how it relates to diesel trucks. | Student’s statement has some factual errors and includes some relevant details about what particulate matter is, how it affects the human body, and how it relates to diesel trucks. | Student’s statement is factually correct and includes most relevant details about what particulate matter is, how it affects the human body, and how it relates to diesel trucks. | Student’s statement is factually correct and includes all relevant details about what particulate matter is, how it affects the human body, and how it relates to diesel trucks. |
| Argumentative writing | Student does not present an argument that supports their position and is not supported by evidence. | Student presents an argument that does not support their position well, or is not supported by evidence. | Student presents a thoughtful argument in support of their position. Argument is supported by some evidence | Student presents a thoughtful and compelling argument in support of their position. Argument is well supported by evidence. |
| Craftsmanship | Student’s statement has numerous grammatical errors, and is not delivered smoothly. | Student’s statement has some grammatical errors, and may not be delivered smoothly. | Student’s statement is well-written, with few grammatical errors. Their presentation may not be delivered smoothly. | Student’s statement is very well-written, with few or no grammatical errors. Their presentation is delivered well. |

Stakeholder cards

|  |  |
| --- | --- |
| Product Manufacturer  Works for a manufacturing company that ships all of its products out using diesel trucks. Sometimes those trucks travel through residential neighborhoods to get to his customers.  Has two kids and is concerned about their health from any air pollution | Student  Teenager with asthma who lives near a major highway.  Concerned about the health effects from air pollution on her ability to play outside and walk through her community. |
| Truck Driver  Owns his own diesel-powered truck that he uses for his job.  Knows that he will not have enough money to switch his truck to another fuel like hydrogen, or to battery power. | Mayor of Metro City  Knows that a lot of the businesses in Metro City rely on diesel trucks to get products to sell, and to send out products they make.  Knows that a lot of the residents of Metro City care about the environment and having clean air to breathe. |
| CEO of Truckville Shipping Company  Runs a very large fleet of diesel trucks.  Knows it will cost a lot of money to switch all of their trucks from diesel to another fuel like hydrogen, or to battery power. | Citizen scientist in Metro City  Used EJ Screen and learned that particulate matter is especially high in her neighborhood, which is next to the highway  Cares about environmental justice for herself and her neighbors. |
| Pleasant County Council member  Wants Amazon to build a new warehouse in the County.  Knows that Amazon currently uses a lot of diesel trucks to ship its products around the country. | Pleasant County Council member  Cares about the environment of Pleasant County and is concerned about how air pollution from the trucks is already affecting the county |
| Health Researcher  Can provide information about the health effects of air pollution on children, adults, and the elderly  Cares about providing information more than siding with one opinion | Environmental scientist  Can provide information about the environmental effects of air pollution  Cares about providing information more than siding with one opinion |
| State committee member  Cares about protecting the state environment  Cares about protecting the health of state residents  Cares about the helping trucking companies do business in the state because it provides jobs for residents and taxes for the state. | Concerned citizen  Orders a lot of things online, including groceries, clothes, and cleaning supplies.  Is worried that if the cost of shipping goes up, the cost of all the products will also go up to cover the extra shipping cost. |

