### Evaluation of creativeness in student essays (L1)

### Survey response 1

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### **Essay Presentation**

Essay#21:Fighting climate change requires everyone to take part and it starts small. The fight against climate change should begin at preventing more damage from happening. Eliminating all threats is a basis for fighting climate change, the planting of trees is fundamental in the fight of climate change, the greener the environment the more chance we have to fight climate change. Change of technology needs to be implemented, moving away from technology which burns and produce unhealthy toxins to the air to technology which will produce healthy toxins for example cars that use renewwble energy, solar. It is important to use tools that will not have negative impact in the later years, for example the use of solar energy is very important as it has no negative impact on the fight against climate change. Also the oceans play a vital role in climate change hence we need to take care of it and keep it clean and safe. The should also be amount of money paid to ensure that overuse and over production of toxins that are released in the air can be replaced and use the money to help eliminate all toxins also this will prevent people from producing those harmful toxins. Technology is a key factor in fighting climate change and essential that we use it in a way that it wont affect our fprodu. The overcrowding in cities should be eliminated as this is one of high factor causing climate change cause there are too many productions in a city and too much cars producing carbon dioxide with little of trees

Essay#22:The reality that climate change is part of our daily talk and experiences has dawned. Whether switches on the Tv to watch the news or go on the internet to read a few news articles the reality of climate change can not be ignored. It is sad that we as human beings are the primary cause of this phenomenon and are the solution as well. Technology has brought about sustainable options on how to curb the adverse effects of climate change. Transportation is key in fighting climate change. I would invent an engine that rubs on water as we have noted that fossil fuels have adverse effects on our planet. This engine would use a resource that is abundantly available and is easily recyclable. Construction trends have shown as well that the industry contributes to CO2 emission sin the environment. I would would invent a cement and steel alternative which is purely plant based. This will ensure a renewable source of construction raw materials and would avoid unnecessary importation and transportation of materials as people can construct with locally available materials. Urban areas have become concrete jungles and hence a limit or a reverse of this phenomenon will be critical. I would introduce cities that function and as forests. Limit individual vehicular traffic. Mass public transportation running on the water engine would only serve these new cities. Clothing and furniture in this city will also be entirely made from plant based products. The use of all fossil fuels will be banned in this city.

Essay#23:As ideas to combat climate change, less individual transport (such as cars and motorcycles) could be used and more public transport (such as buses, trains, subways, trams) could be used. More trees, plants and autotrophic living beings could also be planted. It would also be important to clean forests (to reduce fires and thus gas releases), oceans (clean up plastics, microplastics, nanoparticles) and the biosphere in general (garbage on the streets, for example). In addition, we should reduce greenhouse gas emissions by using less transport or walking more, or by reducing industrialization. If possible, try to switch to an electric company with zero carbon or renewable energy policies. It is still an excellent idea to install solar panels or solar collectors. It is essential to turn off appliances and lights when not in use, and always choose more efficient ones with lower energy consumption. It would also be important to reduce the consumption of meat and milk. Livestock is responsible for a large part of greenhouse gas emissions. In this way, we can eat more plant-based meals, in addition to improving our health, we are improving the planet and our quality of life. It is also important to consume sustainable and locally sourced products (our place of residence or close by, in markets, for example). Many cosmetics, food and hygiene products have their raw materials extracted by processes that also emit toxic gases. Finally, it is important to make the people around us aware of the cause. Encourage friends, family and co-workers to reduce their carbon footprint.

Essay#24: Climate change has greatly affected our World negatively in many ways. There is food insecurity due to climate changes which have negatively impacted on our agricultural production. Animal husbandry and animal diseases has affected beef, poultry and other animal farming. Our general health has also been affected due to toxics in the air. We therefore need to reduce dangerous green house gas emissions by embracing alternative renewable energy. We can use Solar and wind energy and avoid Coal which is commonly used to power our Industries. We should also try to use natural manure in our farming instead of the dangerous chemicals that deplete our soils and poison it. Eventually rendering the soils poor and unproductive. We should also plant more trees and vegetation to prevent desertification and to purify our environment and keep it clean. This will bring more rainfall and thus improve our Agricultural production. We should also keep our Oceans, Seas and Rivers clean by stopping to dump Industrial waste and other harmful substances. This will keep our marine life safe and provide more food for us and also conducive environments. United Nations should come up with rules and Regulations that must be adhered to by all Member nations in fighting climate changes. There should be strict penalties for any defaulting members and heavy embargoes. This might bring some sanity to our world which is facing danger of climate change.

Essay#1:Climate change has been a problem that we've been faced with as the world. Climate change is defined as the change of the climate for example more glaciers are melting,it's getting hotter than before. The main way to fight climate change is to plant more trees so they can absorb all the carbon dioxide and gas emissions from the world. Using more environmentally friendly products that do not cause any harm to the environment such as recyclable materials such as bottles and glasses. We can implement cars that move with batteries and require to car them instead of cars that release carbon dioxide. Instead of big firms using coal to manufacture electricity which in turn releases carbon dioxide they can look at an alternative of producing electricity via solar panels which emit less gasses to the atmosphere. We can use a system of recycling of the products like classify where the glasses,papers and bottles should be recycled and offer incentives to citizens that invest well in recycling. We as the citizens as the this world can do better without the government intervening and try to minimize and do things that are environmentally friendly and will not harm the environment.

Essay#2:Climate Change is a very complicated issue, because people don't believe to it or they are too lazy to actually do something. An idea would be to make recycling obligatory in countries where it isn't already, and pose a fair amount for fine to those who don't conform. Also, people do not recycle because they don't have a motivation to do so. Maybe a money incentive could work. It has to be an amount that won't be diregarded but also not too much money so people don't make it a profession or take advantage of others. Also, a lot of pressure has to be put to politicians, in order to implement more cautious measures and also force big polluting units (like factories) to adopt policies that are more eco friendly. Also, the use of fire should be taken in consideration, especially from junkyards and farms. People are used to burn a big amount of thrash or redundant weeds often, leading to more release of CO2, which affects the ozon layer. Finally, people need to be more careful about their wasting behavior. Beaches and natural sceneries all around the world are filled with thrash from tourists that disregard the rules. There has to be a stricter supervision, but also more organizations that clean beaches or the water. Those organizations must not be independent, but incorporated in the government, so their action can be more organized and efficient and also more funded. More creative ways can be achieved by using nudges, a technique that uses behavioral science to nudge people to certain behaviors.

Essay#3:Banning golf courses (waste of water), banning private planes, banning cruises, using water from treatment plants in agriculture and livestock, planting trees, create more gardens and natural parks, using more public transport in cities, prohibit cars in some zones, with some exceptions, banning swimming pools in homes, using irrigation in public spaces only at night, ending deforestation, eat less beef and pork and eat more vegetables (be more vegan and vegetarian), also eat less fish, use less single-use plastics, recycle more and reuse more materials, less consumerism, buy less clothes ( highly polluting industry). Limit the use of water in homes and factories, bet more on renewable energies, mainly solar energy in homes, bet on wave energy and solar energy, investigate and bet more on hydrogen. Reduce hydropower to store more water in dams. Create more electric car charging stations, create water desalination plants and nuclear power plants for energy production, due to the greater demand for energy. Bet on the thermal insulation of houses and buildings, invest in air conditioning, bet on more sustainable materials such as wood. I think these measures are good for the sustainability of the planet and that they look after the future of the next generations. It was also important to try to plant some vegetation in arid areas such as the Sahara desert or the Middle East, areas without trees that would benefit from these measures. Ending coal-fired plants is also necessary as it is highly polluting, and gradually reducing the use of natural gas. Bet more on electrical equipment and less on combustion engines.

Essay#4:One thing to fight climate change is eating less meat and diary products. It has a great impact on the planet and reduces your environmental influence as the carbon footprint of one cheesburger is equival to e.g. six times fish and chips. Another thing would be to leave your car at home and switch to public transportation or simple walks. Air pollution caused by exhaust fumes not only affects our planet, but also our health. Respecting and protecting green spaces is also very important. They provide multiple benefits, such as lowering air pollution, cooling overheated urban areas, and are important habitats for variety of animals. You can even start planting trees, either individually or as part of a collective. Shopping sustainable also helps our planet a lot. Supporting local businesses and buying seasonal foods reduce fossil fuel emissions and help to lower the usage of energy. You can even go a step further and grown your own vegetables. This also leads to another helpful tip is not to waste food. Avoid buying things you do not need or bulk-buying. Measure portions of your food before eating, be creative with leftovers or even make compost out of them. Shop and eat wisely! Not only this can save our planet but also save you some money. Remember, it is alway very important to start a climate conversation as well. Since people tend to trust friends and family the most, it is a good idea to pick up a conversation about climate change and how we can save our planet. It is always better to hear that from a peer than experts or scientist which we tend not to trust.

Essay#5:Our world is dying and a lot of people still don't get that there are various possibilities that can change it. I know a lot of people who blame huge comapnies of destroying the Earth and that they don't want to change their lifestyles just because they think they behaviour won't do much. I'm not saying that it's not a thing, but if everyone or at least some people would change they perspective it would really do a thing. Firstly we should think how what things we eat, by consuming less meat the CO2 pollution would be so much smaller, and also we can stop suffer of most of the animals. Secondly we should think twice before buying new thing: do we really need this? can we get this from second-hand? maybe we can ask our friends if they can share it with us? Another think is recycling and I am not only thinking about throwing things at a specific bin, but also about reusing stuff. Like maybe your jeans have a lot of stains, so maybe you should dye them, or that lamp that is not working anymore can be repaired or turned into some other ornament? All of it is not about making your life harder, but more sufficient and make you think about your decisions. When it comes to wider masses we can use a lot of different innovations that came to life in last years. Like drones- they can easily reach places we cannot and they can do stuff a single person would suffer to do in that amout of time they are doing. We could have drones that plant trees, that pick garbage, that controles weather there are no illigal garbege dump or illigal activites from comapanies, they can also check the about of air pollutions, if people are not smoking garbage in they hearths.

Essay#6:Climate change is firstly caused by mostly human beings due to their daily activities that end up being harmful onto the climate, examples of some of the activities that cause climate change are usage of cars ,chopping down of trees and burning of fossil fuels. Climate change can at times be harmful because it ends up giving unstable weather conditions such as an extremely hot temperature or even natural disasters, so the question is how do we fight climate change? Climate change needs us as humans to change our ways of doing in order to bring the changes, we can firstly start by decreasing usage of many cars daily, Law can be created to say people should use buses or trains if in need of going wherever they want to go or even bicycle and only use cars for cases of emergency and that way we would have reduced a lot of traffic caused by cars everyday and it would be one step ahead of fighting climate change. The second one should be prohibiting people from chopping down forest trees just because they want to build something there, many trees and removed for the purpose of building but at the same time the cutting down of trees causes climate change because we need trees in our daily lives as they provide us with oxygen.

Essay#7:Firstly we need to know what causes climate change. Climate change is caused by air pollutants from steam factories and environmental pollutants like waste and rubbish this causes the disruption on ecosystem thus resulting in irregular order of nature which is Climate change. To prevent this further from happening we need to implement dynamo technology to divert from coal in making electricity. Implement Green energy and passive design in our structures to stop burning fossils. We use sun energy for solar and at night we use the energy stored from solar to use in that way no coal will be of use. We have to implement the idea of cleanliness and what cleanliness can do for us as far as nature is concerned to try and make the society clean to avoid the environmental waste to make sure that government implement structures to assist with keeping the waste away from environment. We can use the already used technologies like solar wind but make sure that we improve it by it being not only dependent on wind but to store energy for when there's isn't enough wind to run electricity. The main idea is to use nature for energy without burning fossils.

Essay#8:To fight climate change we need to reevaluate our ideas towards mass creation of products and plantlife. Homogenisation through farming certain plants or animals in large swathes damages ecosystems irreparably. To counteract this, humans need to grow their own subsidence and return to smaller scale collectives that trade their own wares. We need to be rewarded for re-using items of technology rather than simply discarding them when they reach their sell-by date. The insistence of growth which makes the world a 'global village, needs to be replaced by returning our focus to growing our communities and feeding our ourselves, without necessarily becoming insular. We need laws in place that discourage our rapid consumption of products that need to be shipped around the world. It goes without saying, that our energy needs must be disinvested with fossil fuels, and replaced with renewable energies, such as solar, water and wind to generate the energy we require, but on the whole, we need to make our world smaller connective communities rather simply a global village.

Essay#9:The best way to fight climate change is to modify little by little the world we live in wich because we already have many things that harm our environment. We humans have a huge impact on this so we need to change our habits. Reduce the use of cars on cities would be a significant change. We should stop deflorestation too because trees help us. If we try to reduce the burning of fossil fuels, oils and gas it will help us a lot. Agriculture doesnt help either because many animals produce methane wich will affect our planet. Its used nitrous oxide for fertilizers and they are not good either. So if we want to change this, we need to start small and improve all of the above so we can reduce the harm we do to our planet. Some countrys already contribute to this and we should all follow their example

Essay#10:Urge the government to take bold, ambitious climate action now. Again the main objective would be to create posters asking for help to raise climate ambition by painting with climate art. Encouraging the usage of energy wisely and save money too.. Mobilise for local climate action. Green my commute by encouraging reduction of transport emissions like flying less or using public transit or car-share. Start s climate conversation as solving climate change requires teamwork and finding common ground. Consuming less means wasting less and enjoying life more as too much of the the stuff we use id toxic and we don't share efficiently. the aim should be to focus on life's simple pleasures, spending time with nature and making a difference in society by providing purpose and belonging. The aim is to be more gentler to the earth by composting, upcycling, fixing and repurposing. Taking the initiative to invest in renewables and divest from fossil fuels. Even if one cannot install solar panels they will still be able to be part of the clean-energy economy by investing. Eating for a climate stable planet would also have a profound effect on the environment, this would take place by buying organic, growing own food or eating meat-free meals. Another positive effect would be getting politically active by taking action to reduce our individual carbon footprints. Green transition investments must accelerate the decarbonization of all aspects of our economy. Green jobs and sustainable and inclusive growth. Green economy making societies and people more resilient through a transition that is fair to all and leaves no one behind. In the long term, higher temperatures entail risks of negative consequences for the environment, and so for human beings as well. Global warming could among other things cause extreme climatic events, more severe droughts, floods and rising sea levels.

Essay#11:Climate change is a globally relevant issue that has the potential to affect people in every corner of the world. In this essay, I'll propose 5 unique and actionable methods of fighting global warming and the resulting climate change that support social, economic and environmental sustainability:1. Public transportation initiatives and tax concessions. By encouraging more people to use public transportation and bicycles, we can effectively keep more vehicles off the roads, lower CO2 emissions on a wide scale, and use tax concessions to incentivize more people to leave their vehicles at home.2. Compostable packaging. Biodegradable packaging can have similar impacts and degradation time scales as plastic packaging. By using more compostable packaging, we can ensure that our packaging is truly eco-friendly and that our packaging materials align with our claims of sustainability.3. Low carbon diet promotion. Diet can play a huge role in personal carbon footprint reduction. Initiatives that promote vegan and vegetarian options, locally sourced produce, and meat-free meals can have a significant impact, especially when people choose these options together, like 'Meat Free Mondays'.4. Tree planting. Deforestation is a huge driver of climate change. Tree planting initiatives that focus on biodiversity, rewilding, and planting species native to the area can help to ensure that our forests and woodlands are available for generations to come.5. Petition local governments. Governments and corporations hold the bulk of power in this world, and can enact farreaching policies to reduce carbon emissions and promote more planet friendly methods of travel, dining, manufacturing, shipping and business operation.

Essay#12:My ideas to fight climate change include the following: -Changing our eating habits by avoiding meat and dairy products, this is one of the biggest ways to reduce our environmental impact on the planet. We should try to choose fresh, seasonal produce that is grown locally to help reduce the carbon emissions from transportation, preservation and prolonged refrigeration. - Avoiding flying as our main mode of transportation. Flying produces a lot of carbon emissions which are very harmful to the environment. Take a step back and think if you really need to fly out of town for that meeting rather than having it online. Maybe you can rethink that international trip you have and keep it local instead - Limit the usage of your motor vehicle. Instead of getting in the car, walk or cycle and enjoy the physical and mental health benefits, and the money saved. For longer journeys, use public transport, or try car sharing schemes. In this case, you are saving the world and saving your money as well. -Protect green spaces. Green spaces, such as parks and gardens, are important. They absorb carbon dioxide and are associated with lower levels of air pollution. They help to regulate temperature by cooling overheated urban areas, can reduce flood risk by absorbing surface rainwater and can provide important habitats for a wide variety of insects, animals, birds and amphibians. They also provide multiple benefits to public health, with studies linking green space to reduced levels of stress.

Essay#13:1. Eliminate Food WasteFood waste in the US occurs mostly in stores and at home—either because it spoils on the store shelf or before we can eat it. We can combat food waste by shopping for what you need, eating leftovers, composting scraps, and donating excess to food banks. You 2. Eat Plant-BasedTransitioning to a vegetarian diet can cut your carbon footprint in half, and going vegan, even lower. Even shifting from high to low meat consumption can shrink your footprint by a third, 3. Use Clean Energy and Use LED LightingRenewable energy is fundamental to powering the world as we move away from fossil fuels. . Ask your representatives to support this bill to make Clean Energy Victory Bonds a reality. Additionally, you can purchase renewable energy from installers such as Blue Pacific Solar and RGS Energy, as well as plug into renewable utilities which don't require you to install any new hardware in your home to get sun- and wind-power. 4. Participate in the Democratic ProcessClimate change has implications on local, national, and global levels. While the average person isn't responsible for governing a nation, we are responsible for deciding who does. Vote for a climate activist, support comprehensive climate policies, and use your citizen voice to contact legislators when you disagree. 5. Improve InsulationOne of the most cost-effective and accessible tactics to combating the climate crisis is better insulation. Older homes can lose up to 35 percent of heat through their walls. Modern insulation reduces the energy needed to heat a home, therefore reducing emissions and saving you money. . 6. Rethink TransportationOverhauling the world's transportation systems, both commercial and personal, would save as much CO2 as one billion acres of regenerative agriculture. 7. RecycleAcquiring virgin resources—from logging trees to mining minerals—exploits more resources than recycling existing materials. For example, recycled aluminum products use 95 percent less energy than creating new ones. About 50 percent of recycled materials come from households

Essay#14:We have to start traveling in shared vehicles and using public transport, using green energies and switching to them. We have to plan our trips and combine them. Replace our vehicle with something similar to a bicycle, being natural and simply being with the earth. Climate change can affect our health, ability to grow food, housing, safety, and jobs. Some of us are already more vulnerable to climate shocks, such as people living in small island nations and other developing countries. Switching energy systems from fossil fuels to renewable energy like solar or wind will reduce the emissions that drive climate change. Adapting to climate impacts protects people, households, businesses, livelihoods, infrastructure, and natural ecosystems. Because human-induced warming is superimposed on a naturally varying climate, the rise in temperature has not been and will not be uniform or smooth across the country or over time. The intensity, frequency, and duration of North Atlantic hurricanes, as well as the frequency of the strongest hurricanes (Category 4 and 5), have been noted since the early 1980s. The relative contributions of human and natural causes to these increases are still uncertain. The intensity of storms associated with hurricanes and rainfall rates are expected to increase as the climate continues to warm. Sea level rise poses widespread and continuing threats to the region's economy and environment. Extreme heat will affect health, energy, agriculture and more. The decrease in water availability will have economic and environmental impacts. Increased heat, drought and insect outbreaks, all related to climate change, have increased wildfires. Diminishing water supplies, reduced agricultural yields, health impacts in cities due to heat and flooding, and erosion in coastal areas are additional concerns.

Essay#15:Cut back on eating meat and diary, this is one of the biggest ways to reduce your environmental impact on the planet. This can also be beneficial to your health, so it is a win-win. Try to limit consumption and waste to limit your carbon footprint. Respect and protect green areas such as parks and gardens as they absorb carbon dioxide and help lower air pollution. Plant trees and create your own green space with pot plants added around your house, Reduce your energy bills and consumption to cut your carbon footprint by doing simple tasks like switching of lights that are not being used and replacing lightbulbs with energy efficient bulbs. Leave your car at home to limit your carbon footprint and as a bonus you will improve your health as well. Also try and limit your flying. If you travel a lot for work, try video conferencing instead. It will not just help with you carbon footprint, but also help with your budget. Lastly I think we should all use our voices to help spread awareness of all the ways anybody can help, no matter how young or old you are. We can inspire people through simply setting a good example and being the change we want to see in the world. Simple changes can make a big difference in the grand scheme of things. These are my best ideas to help do our part in saving out planet and making it more green and more viable for future generations.

Essay#16:We must not be indifferent to the future of all of us. What makes people's character is their consideration not only for other people but also for the environment. If we do not act now, we will live worse. Extreme weather fluctuations, the end of holidays, the end of joyful life as we know it now. You don't have to buy an electric car right away to help the world. Start by sorting your garbage, lowering the temperature in your house or apartment in the winter, conserve water. Think about the carbon footprint you are creating. You can help the planet in the kitchen, on holiday, in your car, in your home, with friends. Replacing a conventional halogen bulb costs virtually nothing and has a huge impact not only on the environment, but also on your wallet. Did you know that you can save up to \$250 a year in your home? Urban transport? Oh yeah, it's cheaper, often faster and greener. The same amount of people that fits in 10 car can fit in just one vehicle. You can get help anywhere. Big change is not about big steps, but just the opposite. Small changes are the foundation for change. The basic idea is to cut back on activities that use whatever resources are on the planet. In the case of light bulbs, for example, it's all about light time. Try to keep this in mind, spread the tips to friends, family and acquaintances. Educate yourself. It's not just about the future, it's about the present. It's not just about yourself, it's about everyone, including your family, children, friends and our home, our planet. Act now.

Essay#17:Unfortunately, people only acknowledge questions such as the climate change when they are negatively impacted by these challenges. Therefore, some ideas that can reinforce change focus on the monetization of good measures - penalizing those that do not practice them and providing a monetary prize to those who do.Incentivising such behaviors can help improve the reduction of produced residues which will help the sustainability of the world. Furthermore, some more strict gas emissions policies are required to help reduce the impact on the stratosphere. Several things can be performed to reduce emissions and residue production - the recovery for energy production, their treatment and usage for other steps within the process they are resulting from are feasible examples. Many processes can integrate reused emissions and products after treatment, not only providing the reduction of waste but also reducing the payments involved in the process. Big companies have already established this type of system successfully, maybe it should become a common practice and be incentivised by monetized prizes. Furthermore, these solutions are mostly relatively simple to integrate within many common processes, resulting in the diminished environmental footprint of the enterprises that establish them. On another hand, some sensibility campaigns can be prepared to further implement this sustainable mentality in young children, developing their interest and enabling them with tools to help improving the world.

Essay#18:Climet change is an all around big issue that encapsulates many different but dangerous problems, but thankfully, because of that, we are able to apply many solutions to them. To start off, we could put in place or even mandate pollution limits on each country as to limit how much enterprises polute our enviroment. This would help greatly because enterprises are the biggest contributors to contamination. We could also build more green spaces and deemphasize going around cities on cars instead of public transport bringing many benefits appart from less polution, like a better public transport infraestructure and less air pollution all around. On top of that there should be studies into how we could recycle radioactive materials, because just burying them underground could result in accidents later on. Another way to help would be to create voluntary bodies where people can partake in cleaning their city, while at the same time teaching them how recicling is very important. Lastly we should analize how everything is truly recicled, because a part of what we recicle ends up in dumpster sites on other countries where they are not truly recicled and only lay there corroding the land. Those are by far not the only ways to create a better enviroment for our descendants, but they are the ones I was able to think off that would be very beneficial and could be implemented without much difficulty in the most part. The most important part of this is comitting to the cause and not deeming it unnecesary when we are halfway through

Essay#19:fighting climate change seems impossible if you are just a regular citizen, the real fight needs to come from the big rich companies, if companies like amazon, shein, and their similars, started genuenly caring about the enviorment the changes would be easier. Avoiding waste, being careful of carbon emissions, being mindful of plastic packaging, caring about reusable objects and avoiding things that are to be thrown away after just one usage, the list could potentially be infite, colonialism and capitalism has made it to be this way, short terms usage, waste, compulsively buying new things, needing more than we actually do, we have been shaped this way, the economic circle has shaped us this way, it has made almost impossibe to live a sustainable life if you dont have enough money or time. the wealthy and rich have opporunities while the working class struggles. money could help repair the some of the damage done by colonialism, redistribuiting money and goods and taxing the rich could potentially help those in need, while doing this, the sustainability could increase, the inaccessibility of sustainability is the rich's fault, we need changes that come from the upper class and the rich business need to start acually caring about the enviorment other than greenwash their social media pages, they also need to start paynig their workers a living wage and giving them better conditions, so that they can manage a more sustainable life. furthermore, plastic. a material that has been useful but badly managed, some is indispensable, some is useless and harmful, reducing the useless ones some changses could be made. much packaging could be avoided and replaced with more sustainable one, we need to be able to recycle most of it to avoid pollution.

Essay#20:Every country should switch to renewable energy sources. You have to force the governments of all countries to do this. Poorer countries must be helped to achieve this goal. Meat production and consumption should be restricted. More forests and trees should be planted. Concrete in cities needs to be reduced. Do not mow the grass in cities and plant as many flower meadows as possible. This will help maintain a lower temperature in large cities. People should start taking care of the environment themselves, stop buying plastic bottles. People should buy less clothing, those they do not use to sell or give to those who will find them useful.children from an early age should learn how to take care of the environment. Aware of the risks, the child becomes a responsible adult. The most important thing is the fight against the widespread concreteization of cities. Maintaining an adequate level of rivers and lakes. Not to dry out natural water bodies. It is necessary to reforest as many areas as possible that lie fallow. The most important thing is that the earth should be as green as possible. Then the climate will not warm up so quickly and there will not be so many natural disasters. I have no more ideas on how to help protect the environment. Everything remains in the hands of the people. They are the ones who have to start taking care of our plate. People have to look for ways to volunteer for the land themselves. This can be limiting garbage, limiting water consumption, planting flowers that wasps like the most, or planting trees

### Essay #21

How many ideas were presented in the essay?	
10	

Rate the persuasiveness of the ideas presented.

How would you categorize the ideas presented in the essay?

Rate how semantically different were the presented ideas from each other? 75 How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? 35 Essay #22 How many ideas were presented in the essay? 10 Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible?

0

Rate the novelty of the ideas in the essay

How much effort was put into coming up with ideas that were as novel as possible?

75

Rate the overall persuasiveness in the essay.

75

How successfully was the task implemented in the essay?

0

Rate the overall creativity of the essay.

How would you rate the fluency of ideas in the essay?
85
How would you rate the flexibility of discussing diverse ideas in the essay?
85
How would you rate the originality of the essay?
75
Feegy #22
Essay #23
How many ideas were presented in the essay?
9
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
0
Rate how semantically different were the presented ideas from each other?  90
How much effort was put into coming up with as many different ideas as possible?
0
Rate the novelty of the ideas in the essay
50
How much effort was put into coming up with ideas that were as novel as possible?
80
Rate the overall persuasiveness in the essay.
85
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.  85
How would you rate the fluency of ideas in the essay?
90
How would you rate the flexibility of discussing diverse ideas in the essay?
90
How would you rate the originality of the essay?
75

How many ideas were presented in the essay?
7
Rate the persuasiveness of the ideas presented.
0

How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? 40 Essay #1 How many ideas were presented in the essay? Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible?

Rate the novelty of the ideas in the essay

How much effort was put into coming up with ideas that were as novel as possible?

75

Rate the overall persuasiveness in the essay.

75

How successfully was the task implemented in the essay?

Rate the overall creativity of the essay.
55
How would you rate the fluency of ideas in the essay?
How would you rate the flexibility of discussing diverse ideas in the essay?
65
How would you rate the originality of the essay?
55
Essay #2
How many ideas were presented in the essay?
6
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
Rate how semantically different were the presented ideas from each other?  85
How much effort was put into coming up with as many different ideas as possible?
Rate the novelty of the ideas in the essay
65
How much effort was put into coming up with ideas that were as novel as possible?
85
Rate the overall persuasiveness in the essay.
85
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.
75
How would you rate the fluency of ideas in the essay?
85
How would you rate the flexibility of discussing diverse ideas in the essay?
85
How would you rate the originality of the essay?
65
F2224 #2

How many ideas were presented in the essay?	
30	

Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? 80 Essay #4 How many ideas were presented in the essay? 8 Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay.

How arrangefully was the took implemented in the account
How successfully was the task implemented in the essay?
Rate the overall creativity of the essay.
77
How would you rate the fluency of ideas in the essay?
87
How would you rate the flexibility of discussing diverse ideas in the essay?
87
How would you rate the originality of the essay?
75
Taga #F
Essay #5
How many ideas were presented in the essay?
7
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
0
Data how compatibally different ways the presented ideas from each other?
Rate how semantically different were the presented ideas from each other?  65
How much effort was put into coming up with as many different ideas as possible?
0
Rate the novelty of the ideas in the essay
60
How much effort was put into coming up with ideas that were as novel as possible?
75
Rate the overall persuasiveness in the essay.
70
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.
75
How would you rate the fluency of ideas in the essay?
80
How would you rate the flexibility of discussing diverse ideas in the essay?  75
How would you rate the originality of the essay?
65

How many ideas were presented in the essay? 2 Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? Essay #7 How many ideas were presented in the essay? Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay?

Rate how semantically different were the presented ideas from each other?

How much effort was put into coming up with as many different ideas as possible?

Rate the novelty of the ideas in the essay

How much effort was put into coming up with ideas that were as novel as possible?

Rate the overall persuasiveness in the essay.
75
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.
70
How would you rate the fluency of ideas in the essay?
80
How would you rate the flexibility of discussing diverse ideas in the essay?
75
How would you rate the originality of the essay?
70
Essay #8
·
How many ideas were presented in the essay?
7
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
0
Rate how semantically different were the presented ideas from each other?
85
How much effort was put into coming up with as many different ideas as possible?
0
Rate the novelty of the ideas in the essay
75
How much effort was put into coming up with ideas that were as novel as possible?
85
Rate the overall persuasiveness in the essay.
80
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.
82
How would you rate the fluency of ideas in the essay?
87
How would you rate the flexibility of discussing diverse ideas in the essay?
87
How would you rate the originality of the essay?
78

How ma	ny ideas were presented in the essay?
8	
Rate the	persuasiveness of the ideas presented.
0	
How wo	uld you categorize the ideas presented in the essay?
0	
Rate hov	w semantically different were the presented ideas from each other?
100	
How mu	ch effort was put into coming up with as many different ideas as possible?
0	
Rate the	novelty of the ideas in the essay
25	
How mu	ch effort was put into coming up with ideas that were as novel as possible?
75	
Rate the	overall persuasiveness in the essay.
60	
How suc	ccessfully was the task implemented in the essay?
0	
Rate the	overall creativity of the essay.
40	
How wo	uld you rate the fluency of ideas in the essay?
70	
	uld you rate the flexibility of discussing diverse ideas in the essay?
75	
How wo	uld you rate the originality of the essay?
40	
	Essay #10
	•

Essay #10
Herri many ideas was massantal in the account
How many ideas were presented in the essay?
14
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
0
Rate how semantically different were the presented ideas from each other?
90
How much effort was put into coming up with as many different ideas as possible?
0

Rate the novelty of the ideas in the essay

70

How much effort was put into coming up with ideas that were as novel as possible?

85

Rate the overall persuasiveness in the essay.

90

How successfully was the task implemented in the essay?

0

Rate the overall creativity of the essay.

85

How would you rate the fluency of ideas in the essay?

90

How would you rate the flexibility of discussing diverse ideas in the essay?

90

How would you rate the originality of the essay?

How many ideas were presented in the essay?

5

Rate the persuasiveness of the ideas presented.

0

How would you categorize the ideas presented in the essay?

0

Rate how semantically different were the presented ideas from each other?

95

How much effort was put into coming up with as many different ideas as possible?

0

Rate the novelty of the ideas in the essay

85

How much effort was put into coming up with ideas that were as novel as possible?

85

Rate the overall persuasiveness in the essay.

87

How successfully was the task implemented in the essay?

0

Rate the overall creativity of the essay.

82

How would you rate the fluency of ideas in the essay?

92

How would you rate the flexibility of discussing diverse ideas in the essay?

How would you rate the originality of the essay?	
72	

How many ideas	s were presented in the essay?
4	
Rate the persua	siveness of the ideas presented.
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How would you	categorize the ideas presented in the essay?
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Rate how semai	ntically different were the presented ideas from each other?
65	
How much effor	t was put into coming up with as many different ideas as possible?
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Rate the novelty	of the ideas in the essay
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How much effor	t was put into coming up with ideas that were as novel as possible?
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Rate the overall	persuasiveness in the essay.
85	
How successful	ly was the task implemented in the essay?
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Rate the overall	creativity of the essay.
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How would you	rate the fluency of ideas in the essay?
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How would you	rate the flexibility of discussing diverse ideas in the essay?
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How would you	rate the originality of the essay?
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How many ideas were presented in the essay?
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Rate the persuasiveness of the ideas presented.
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How would you categorize the ideas presented in the essay?
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Rate how semantically different were the presented ideas from each other?
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How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? Essay #14 How many ideas were presented in the essay? Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay?

Rate the overall creativity of the essay.

70

How would you rate the fluency of ideas in the essay?

How would you rate the flexibility of discussing diverse ideas in the essay?
60
How would you rate the originality of the essay?
40
Essay #15
How many ideas were presented in the essay?
8
Rate the persuasiveness of the ideas presented.
0
How would you categorize the ideas presented in the essay?
0
Rate how semantically different were the presented ideas from each other?
80
How much offert was nut into coming up with as many different ideas as nossible?
How much effort was put into coming up with as many different ideas as possible?  0
Rate the novelty of the ideas in the essay
20
How much effort was put into coming up with ideas that were as novel as possible?
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Rate the overall persuasiveness in the essay.
75
How successfully was the task implemented in the essay?
0
Rate the overall creativity of the essay.
70
How would you rate the fluency of ideas in the essay?
80
How would you rate the flexibility of discussing diverse ideas in the essay?
60
How would you rate the originality of the essay?
30
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Feeav #16

How many ideas were presented in the essay?		
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Rate the persuasiveness of the ideas presented.		
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How would you categorize the ideas presented in the essay?		
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Rate how semantically different were the presented ideas from each other? 80 How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? 60 Essay #17 How many ideas were presented in the essay? Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible?

Rate the novelty of the ideas in the essay

How much effort was put into coming up with ideas that were as novel as possible?

Rate the overall persuasiveness in the essay.

80

How successfully was the task implemented in the essay?

0

Rate the overall creativity of the essay.

would you rate the flexibility of discussing diverse ideas in the essay?  Essay #18  many ideas were presented in the essay?  the persuasiveness of the ideas presented.
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the overall persuasiveness in the essay.
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successfully was the task implemented in the essay?
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the overall creativity of the essay.
would you rate the fluency of ideas in the essay?
would you rate the flexibility of discussing diverse ideas in the essay?
would you rate the originality of the essay?

How many ideas were	e presented in the essay?	
6		
Rate the persuasiveness of the ideas presented.		
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How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible? Rate the overall persuasiveness in the essay. How successfully was the task implemented in the essay? Rate the overall creativity of the essay. How would you rate the fluency of ideas in the essay? How would you rate the flexibility of discussing diverse ideas in the essay? How would you rate the originality of the essay? 60 Essay #20 How many ideas were presented in the essay? Rate the persuasiveness of the ideas presented. How would you categorize the ideas presented in the essay? Rate how semantically different were the presented ideas from each other? How much effort was put into coming up with as many different ideas as possible? Rate the novelty of the ideas in the essay How much effort was put into coming up with ideas that were as novel as possible?

Rate the overall persuasiveness in the essay.

0

How successfully was the task implemented in the essay?

#### Rate the overall creativity of the essay.

35

#### How would you rate the fluency of ideas in the essay?

85

#### How would you rate the flexibility of discussing diverse ideas in the essay?

25

#### How would you rate the originality of the essay?

45

#### Additional Comments

## Are there any additional metrics you use for assessing creativity of persuasive essays? If so, kindly explain how you assessed it

In assessing the creativity of persuasive essays, various metrics can be considered. Some of these metrics include:

#### Novelty of Ideas:

Examining whether the ideas presented are new, unique, or offer a fresh perspective on the topic.

Assessing if the essay introduces original concepts or suggests innovative solutions.

#### Metaphorical Language and Imagery:

Evaluating the use of metaphorical language, analogies, and vivid imagery to convey ideas in a creative and engaging manner.

#### **Unconventional Approaches:**

Identifying whether the essay employs unconventional or unexpected approaches to address the issue at hand. Considering if the author introduces surprising or thought-provoking elements.

#### Wordplay and Linguistic Creativity:

Analyzing the use of wordplay, puns, or creative language constructs that add flair and originality to the writing.

#### Structural Creativity:

Assessing whether the essay demonstrates creativity in its structure, such as the arrangement of ideas, use of transitions, or unique organizational patterns.

#### Persuasive Techniques:

Evaluating the effectiveness of persuasive techniques used, such as appeals to emotion, logic, or authority, and assessing whether these techniques are employed in creative ways.

#### Incorporation of Diverse Perspectives:

Examining whether the essay incorporates diverse perspectives, challenging conventional viewpoints in a creative and constructive manner.

#### Integration of Personal Narratives or Anecdotes:

Considering if the author includes personal narratives, anecdotes, or real-life examples in a creative way to enhance the persuasive elements of the essay.

#### Overall Impact and Engagement:

Assessing how engaging and impactful the essay is in capturing the reader's attention and maintaining interest throughout.

It's important to note that creativity is subjective, and different readers may perceive it in various ways. The assessment involves a holistic consideration of these factors, and no single metric can fully capture the nuanced nature of creativity in writing. The above metrics are indicative of aspects that can contribute to a creative and persuasive essay