

Topic 156	The twentieth century saw great change. In your opinion, what is one change that should be remembered about the twentieth century? Use specific reasons and details to explain your choice.
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1. Brainstorming
<p>Entrance of space</p> <ul style="list-style-type: none"> - resources - new habitat - new technology : rocket - modern society : GPS, telecommunication
2. Outlining
<ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> - aim : more convenient life - made a lot of breakthroughs - Opinion : entrance to the space • Body <ol style="list-style-type: none"> 1. acquisition of new technology <ul style="list-style-type: none"> - send human to the moon - failures, and improvement of rocketry 2. formation of the modern society <ul style="list-style-type: none"> - telecommunication - GPS, navigation system - weather forecast - satellites 3. possibilities for expansion of habitat <ul style="list-style-type: none"> - Earth in saturation - inhabitable planets : Mars • Conclusion <ul style="list-style-type: none"> - more attention to astronomical fields

3. Essay Writing

Humanity have been contemplating about innovative ideas in pursuit of reducing discomforts in their life, throughout the whole history. In particular, the last century can be called 'the Golden Age' due to a great deal of technological elevations. For instance, a number of named scientists left huge discoveries and persuasive theories, while quality and quantity of education towards young generations highly increased. Among these breakthroughs, an entrance of the outer space would be the most noticeable and impressive one. Discussions below reveals several grounds corresponding to my opinion.

First and foremost, prolonged attempts to discover mysteries of the space sparked off acquisitions of new technologies. As the first step of this, transmitting a human to the moon used to be a hot potato for space institutions several decades ago. There had been a myriad of trials to shoot astronauts to the moon, and a majority of them failed. However, the failures also brought an accurate route for a manufacture of rockets with more sturdy semblance, and more fuel-efficient energy sources.

Second of all, a decent level of technology vital to astronomical activities highly influence the modern society, and people's life. During the daily life, modern people encounter a number of situations to communicate in long distance, using smart phones or telephones. Time spent for moving between home and workplaces depends on whether using GPS(Global Positioning System) and navigation system, or not. Weather forecasts guaranteed safety of worldwide fishermen and sailors, and determined people's schedule. In reality, all of these life conveniences could exist due to a presence of artificial satellites revolving around the Earth orbit. It requires both technologies to fabricate decent satellites for right purposes, and shoot it to such a high altitude, in order to receive the convenience.

Last but not least, advance to the space provided the humanity with chances to seek for an expansion of the area of activity from a planet to the entire space. Until the recent periods, humanity have accumulated their culture and history only in the Earth. The planet has an area ample enough to accommodate the civilization with billions of people. However, this is valid only for a few more decades. In the far future, the population will probably exceed tens of millions and the Earth will be unable to entirely accept the civilization anymore, situations only occurred in Science Fiction movies coming true. As a

solution of this, scientists had searched for inhabitable planets in the vast universe, and discovered possibilities that organisms, or even their remnants exist in nearby celestial bodies, particularly in the Mars.

In conclusion, advance to the outer space would be the most memorable accomplishments acquired during the last century, due to its role in overall enhancement of the technology, and many other benefits gained through the breakthrough. In fact, there have been some complaints that the astronomical field receive relatively less financial supports than other fields, now that it is still considered mysterious and awkward for many people. Thus, the public should show more attention to astronomical projects executed in space institutes, which may lead the entire world one day.

4. Speaking

Among the numerous breakthroughs accomplished during the last century, an entrance of the outer space would be the most noticeable discovery.

First of all, astronomical activities have had profound effect on the modern society. Telecommunication accompanying the usage of smartphones is possible due to satellites in the outer space. In reality, decent level of rocket technology is required in order to shoot the satellite to the Earth orbit.

Second of all, trials to reach to the moon led to acquisitions of new technologies. Although a majority of them failed, the failure also brought an accurate way for a development of rocket technology. For instance, people found a more efficient fuel, and sturdy semblance for rockets.