
The Reasons why Humanity should Spend Money on Space Exploration

Without space exploration, the internet wouldn't be a thing. (Out of this world). The earth wouldn't be the same. The satellites orbiting the earth right now help the human population's daily life. (Out of this world). Human survival depends on meeting basic needs. At the present time, some essential resources are considered limited on earth for a large portion of the human population. Given that space is considered an extreme environment, humanity (as a whole) should be allocating money, time and resources on advancing and furthering space exploration. Spending money in space exploration is a good idea the human population started a long time ago and it should continue. Space gives an advantage to humans and makes their lives much easier. When the earth is no longer capable of living humans will be able to move to a new planet. NASA invests in (health) technology.

First of all, space exploration gives an advantage to humans and makes their lives much easier. In 1990 at the JPL (jet propulsion lab) cameras small enough to fit on a phone was created. (Nelson, Jon). Without space travel, camera phones would have come later in time. Would humans be able to live without their Nike airs or Adidas Ultra boost? NASA suit construction technology developed Nike air trainers. (Nelson, Jon) The satellites orbiting the earth broadcast television programs, tell humans the weather and etc. (Out of this world). The satellites are giving humans a lot of things for a giant advantage and is making human life much easier. Also, space exploration has helped the people in need in places like Africa for water purification. In the 1960s NASA created an electrolytic silver IOD this purifies water. Providing humans with a basic need for living is better than providing humans with free health care or education because without clean water humans wouldn't even be a thing how could they need education or health care? Space exploration made life much easier for humans on earth and has provided them with many little things that humans take for granted.

Moreover, if humans continue space travel when earth demolishes humans can move to a new planet and make it a new home. Earth is perishing and humans may need to find a new home in the next few decades. Right now, scientists are studying Mars can sustain human life. They have found water frozen water in Mars (National Geographic). Four billion years ago, the Martian surface was apparently capable of sustaining life some say ancient Mars was even better to sustain life than earth, the Martian surface had rivers, lakes and even a deep ocean. (Wall, Mike). Mars may still be able to sustain life if humanity digs deeper into the Martian surface, it could be a possible new home for humans. This is a very hard thing to do and it will cost a lot of money but if humanity starts now over decades or centuries there could be a

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possible chance of moving. When earth demolishes humans will need a new home, humans need to start searching now before it's too late.

Finally, NASA invests in (health) technology. NASA has over 1,750 spinoff stories and every single one shows the way technologies developed for NASA missions have come back down to Earth to improve humanity's daily lives. (NASA). Almost half of NASA's 2012 budget was spent on technology research, development and manufacturing. (The Tauri group). NASA spent a lot of money on technology without NASA humanity wouldn't be this far into tech. It would take years maybe even decades to get this far if humanity didn't have NASA. Red light-emitting diodes (LED) are growing plants in space and healing humans on earth. (NASA spinoffs). Other NASA technologies that helped human health are Infrared Ear thermometers, artificial limbs, and ventricular assist device. (NASA spinoffs). These devices have made it much easier for humans in medical issues there are fewer illnesses out there that have the potential to kill you and humans have no good treatment. Spending money on space travel also benefits the health of humans because in space they develop things that are also a huge help to humans on earth.

On the other hand, the money given to NASA could support many children's education, health care and etc. NASA has an annual \$19.3 billion budget this could pay for 1.94 million young adults in the USA to attend a 4-year public university or it could provide 1.87 million people with health care. (FEE). If NASA didn't get funded by the government could use the money to pay for other things like health care and education. Also, it is a very hard thing to do to move to a different planet, humans can't just get up and leave it will have extreme costs and the planets are nothing compared to earth. While this may be true if NASA doesn't have the money, they have right now they wouldn't be able to do the same kind of research, and it will be too late when the earth perishes. Giving the humans 1 year of health care or 4-years of education is not worth it. What if earth perishes in the 4 years? Wouldn't that be a waste of money to spend it on something like education or health care? Also, humans won't know what's happening in space as a result if there is an asteroid hitting no one will know until it hits. Even though it is a very hard thing to move planets it's better to try than to sit around and wait.

Spending money on space travel will help human life and sustain it. Without space travel things humans take for granted in human life may still not be invented. When earth perishes where do humans go? Without research, we would perish with earth but researching it and spending money on space travel may just help humans sustain the population. Space exploration will make the future of humanity much more efficient.

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