**SPACE EXPLORATION**

**Importance of space exploration:** l do disagree with the statement that space exploration is a waste of time l think its one of the most exciting things that scientists all over the world have ventured in the exploration of space.

What is space exploration: this has been defined as the use of astronomy and space technology to explore the outer space beyond earth’s atmosphere

Just to get a deeper insight in this exciting exploration of space it’s carried out mainly by astronomers with telescopes but further it’s physical exploration is conducted both uncrewed robotic space probes and human spaceflight. So why do l disagree that space exploration is not a waste of time, this is because through the investigations carried out by means of crewed and uncrewed spacecraft we gain information and increase knowledge of the cosmos and benefits to humanity. And how is that so this brings me to highlight some of the benefits of space exploration.

 **Advantages**

 a)Creating scientific and technical jobs

1. It helps the young generation to aspire for careers in science and space programmes.

 b) Contributes to our daily life

1. Helps us understand the continuous evaluation in technology.

 c) New technologies have been discovered that can be utilised in other industries and society i.e.

1. Development of communications satellites

 d) Discovery of other living species in space and we get to study their behaviour and survival

e)Protecting our planet and our environment from the insights ,investigations and findings that our scientists all over the world provide for us through space exploration we are able to get a good understanding of the importance of conservation and how well we can protect our planet and the environment

1. All findings given by NASA helps in providing more insights.

f)Technological development

1. One of the most beneficial aspects of space exploration is it’s need for technology advancement many technologies we rely on today as communication networks and GPS were developed as a result

g)Accurate weather predictions

h) Medical research that can lead to findings of curing some of the diseases thus improvements in health care

i)Sparking youth interests in science

1. It encourages youth to venture into careers of science and space programmes

j)Space exploration is inspirational

k)Brings nations to work together peacefully

l)Protection from a catastrophic asteroid

m)studying solar system for example has brought us insight into such phenomenon as gravity

**Future Importance**

Space exploration could provide us with the knowledge of our universe as well as developing inventions and innovations

This will also play a big role in addressing the fundamental questions about our place in the universe and history of the solar system.

Space exploration is a topic that we need to keep pushing keep talking about this will continue to help us understand more about the earth and things that happen on earth

Not only that but even more proving or disproving scientific theories developed on earth

Speaking about saving lives, space exploration could save all our lives .Yes there are till an unknown number of big asteroids and comets out there that could smack into planet earth and make COVID-19 pandemic seem like a pleasant memory.

So yes a robust space program is the only hope we have of defecting such an object, it’s a goal we all need to work towards for the sake of saving humanity race.

NASA is currently making plans to run a spacecraft into an asteroid to test one possible method of saving mother Earth from such an impact.

 **Conclusion**

Space exploration is a very crucial and important for the whole world and it should be funded l believe it will keep improving communication between countries in the world and also helping to search a new alternate to live

NASA which is a very reputed space organization has launched many satellites in the orbit thus broadcast of signals across the globe world communication has utterly been changed and for this reason I’m excited to see what more we will keep uncovering from space exploration. Let us keep pushing and spreading the word that space exploration is necessary not just for human curiosity but l believe the more we improve in technology advancement the more beneficial it will keep being I our daily lives .