

BENEFITS OF SPACE EXPLORATION



IT INSPIRES THE YOUNGER GENERATION

There are many young people who are interested in the idea of space exploration. As a result, they pursue an education in science so they can live their passion of studying space and everything that it has to offer.



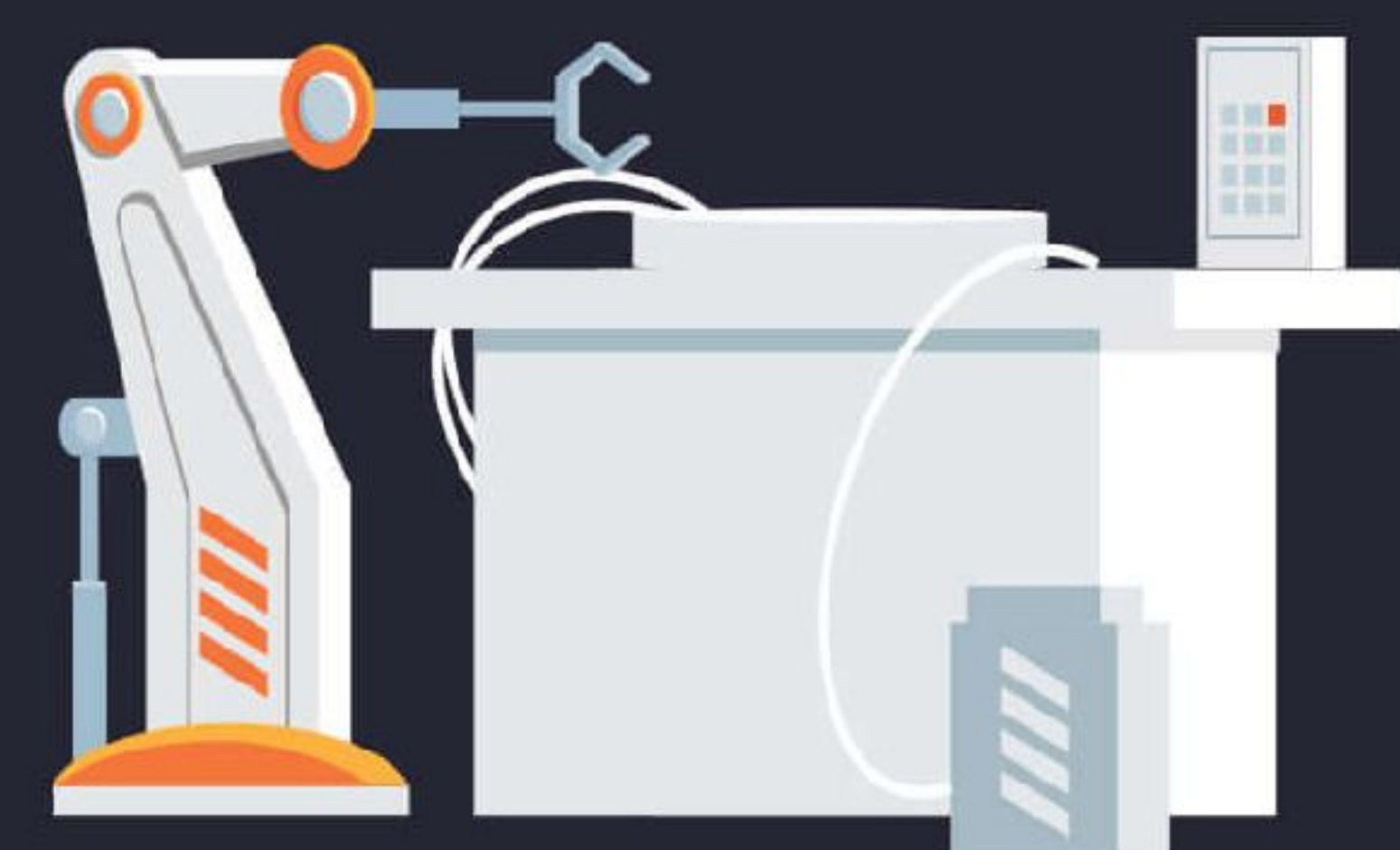
NEW RAW MATERIALS

Out in space there is virtually unlimited resources. It is all just a matter of collecting it and bringing it back, which granted will not be an easy task. Still... it is virtually unlimited natural resources!



JOB CREATION

Space exploration doesn't just involve scientist and astronauts; it also requires many engineers, research assistants, technicians, mechanics, and other professionals. If space exploration would be stopped today, these people would become jobless.



MEDICINE INNOVATIONS

From a robotic arm that can work directly using functional magnetic resonance imaging to methods of administering anti-cancer drugs aimed directly at diseased cells, research in microgravity has brought about important innovations in the field of medicine.



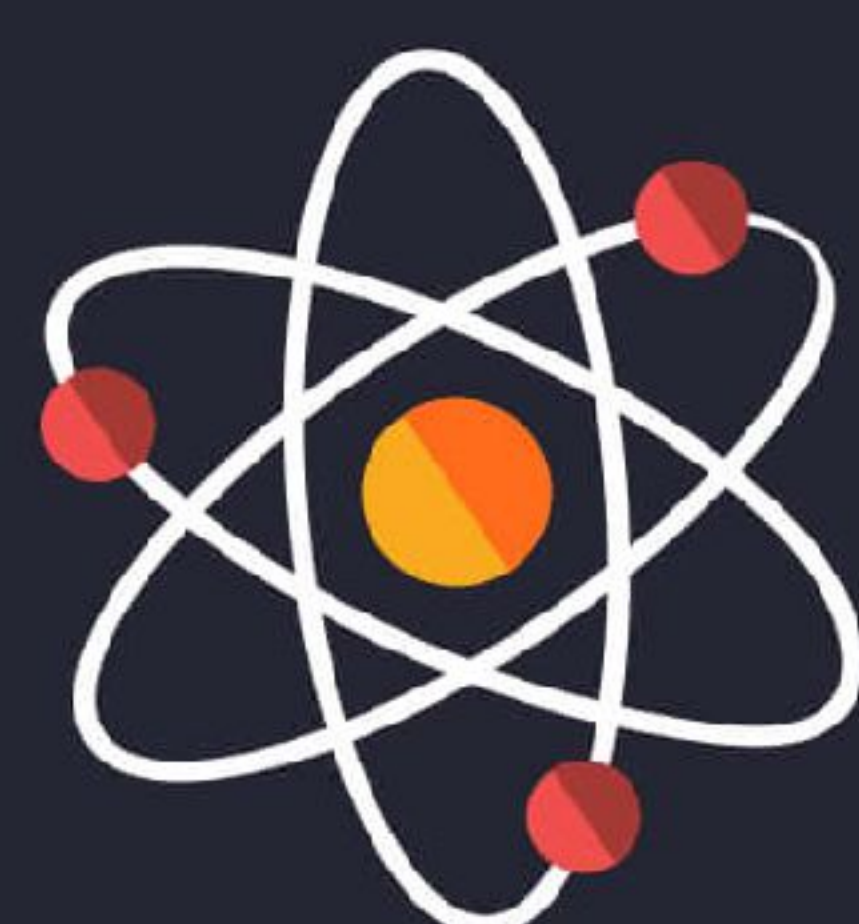
IT PROTECTS US FROM ASTEROIDS

The asteroid threat may be manna from heaven for the catastrophists, but it has to be taken into consideration: a serious and well-funded space programme must have the capacity to monitor large asteroids that could potentially destroy our planet.



ARE WE ALONE IN THE UNIVERSE?

So far, the Kepler space telescope has unveiled a long list of other 'Earths' beyond our solar system, situated in inhabitable belts around their respective stars. They are all potentially hospitable for life.



GREAT DISCOVERIES

From the thermal space blanket, used today by marathon runners, to the portable vacuum cleaners we now have in our homes, space research has bequeathed surprising and pleasing innovations that we non-astronauts use every day.



UNITING THE NATIONS

If there is one thing that the entire world can get behind, it's space exploration. The nations might fight against each other about the things that go on with regards to planet Earth, but they all want to explore the cosmos.



There's been enough damage done to this planet. Very soon, if we want the human race to survive, we will need to colonise another planet. According to a 2012 UN Programme for the Environment report, the Earth can sustain a population of eight-to-16 billion at most. Considering that we have already surpassed seven billion, before long we might have to look at new worlds on which to establish ourselves. It is a search that has already begun.

