Background Guide



The Space Agencies: Global Impact 2100

Topic A: Asteroid Belt Strike

Topic B: Lunar Mining

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Hello, Delegates!

My name is Payton Fortenberry, and I will be your director for The Space Agencies: Global Impact crisis committee. I joined TAEMUN as a freshman this year, and it has already been such a blast. I am a full honors student, and I am very active in my dance company. I am an avid reader and love to write as I listen to music. This has been one of the most fun committees I have been a part of, and I hope that it will be for you all as well. Finally, don't forget to have fun with your fellow agencies, and I can not wait to see what you have in store for us!

Good luck!

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Committee Background:

The year is 2100. Many new technologies that were previously in our wildest imaginations are now reality. These new technologies, like the conduction of lasers for both weaponry and commercial use, have made a huge impact on perceived daily life. Over the last 77 years, the countries of Earth have put forth efforts to set a colony to mine on the moon. In order to monitor and regulate space related issues the countries of the world put together a council of space agencies from the leading countries in space exploration.

This council is also in charge of governing and regulating LASERs, especially Big Laser Thingys (BLTs), and the later advent and introduction of Small Big Laser Thingys (sBLTs).) and other space WMDs that were developed during a second arms race of the 2030's, between NATO, China and Russia. The sBLTs were introduced to the commercial market in 2057. sBLTs were quickly integrated into computers, manufacturing, and medicine.

During and after this period of international competition, there have been more and more sightings of unexplainable flying objects, or UFOS, along with unusual scrap metal showing up, supposedly falling from the sky, judging by the impact marks, and human sightings of bipedal, humanoid, extraterrestrial life. The general public has been getting more and more distressed about this, as the evidence piles up it becomes harder to deny the existence of extraterrestrial lifeforms.

Topic A: Asteroid Belt Strike

Background:

A large disruption in the asteroid belt caused hundreds of 3-7 mile wide asteroids to head towards Earth. The asteroids are on a collision course to the inner 4 planets. NASA's space telescopes discovered asteroids that were dislodged from their orbit of the sun in the asteroid belt. This storm of asteroids are big enough to have an impact similar to the one that caused the dinosaurs to go extinct. The many space agencies on Earth are now tasked with saving humanity from certain doom, however they see fit.

Current Situation:

The asteroids have approximately 90 days until impact. If the asteroids impact earth all life will be wiped out. What caused this disruption in the asteroid belt is yet to be discovered. It will likely take the collaboration of several agencies to solve this problem. Several agencies have advanced LASER technology that, with work, could solve this problem, however, many of the smaller agencies have not procured such technologies and to use the technology would increase the chances that we can resolve this problem before it becomes dire.

Questions to Consider:

- 1. How much collateral damage is the Earth going to experience?
- 2. How is your position going to inform the public about this?
- 3. How can you allocate funds to support your position?
- 4. How will your position solve this situation?

Topic B: Lunar Mining

Background:

Paninium is a room temperature superconductor. It is also a highly rare substance which is able to conduct and manipulate energy in strange and new ways. It is created from a mix of freezing temperatures and high pressure. This has led to countries scrambling to gain new advantages over their political rivals. Paninium has already been able to produce lasers, railguns, as well as working as green energy sources, and helping incredible advancements in medicine. However, this resource is only found deep under the lunar surface. It was discovered in the 2030s and quickly became the thing to have for all militarily advanced countries.

Current Situation:

The Earth has set up a colony on the moon to mine this superconductor- Paninium. The problem is no one agrees on how the people there from Earth should go about mining it. There have been multiple ethical concerns that have been brought up by the colonists on the moon meant to mine it. Many of these questions sum up into the following: How will they get paid? How will they be able to save and spend that money? How many hours are they expected to work? There are only 550 settlers there, and all of them are there to work. Among those there are 300 miners there to maintain the equipment used to mine the Paninium, 200 scientists to further study the mechanics of this super conductor, and 50 liaisons to report all findings back to Earth.

Questions to Consider:

- 1. How would your position continue to use this resource?
- 2. How would your position protect this resource from becoming over consumed?
- 3. How would this resource improve daily life for the average human?
- 4. How can we keep this resource from breaking down?

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