**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Prop Artist Statement Example**

**Argument Position**

**It will be harder for a modern human on Mars to adapt to their environment.**

**Big Reason**

**Lack of Oxygen**

**Supporting Relevant Facts/Statistics:**

*\*Less than 1% of Martian atmosphere is oxygen (Space.com)*

*\*A human can go approximately 6 minutes without oxygen before they die (Mayoclinich.org)*

*\*Humans will need to rely on machines and technology like the Moxie in order to manufacture oxygen on Mars in order to survive (Ted.com).*

*\*Mars is 33.9 million miles from earth. It will take approximately 300 days for humans from earth to reach mars. This travel time can vary depending on the positions of Earth and Mars (Space.com).*

**Artist Statement**

**My Description of the Big Reason**

Oxygen is a key element in keeping humans alive. I see consistent access to oxygen as a difficult challenge if humans are going to adapt and survive on Mars. Without oxygen, humans will be unable to live let along explore the planet, build a sustainable habitat, or adapt to anything else on Mars. While it is possible to generate, store, and recycle oxygen on Mars using current technologies, the human demand for oxygen will never end! All it takes is for one technological breakdown, power failure, or some other unforeseen issue and human access to oxygen can end. With Mars being so far away from earth and its oxygen generating technology, those on the planet with broken and unfixable technology will be left to die. If you are constantly worried about the status of your oxygen equipment, there is little time left for the modern human to adapt to Mars.

**My Description and Thinking Behind My Prop**

I created my prop to show the grim reality of humans and their need for oxygen on Mars. I represented a spacesuit with a doggie bag. My oxygen generating technology is a basketball pump. To represent a human I used a Lego man and put him in the “spacesuit.” With my hands, I then sealed the doggie bag around the end of the basketball pump and started inflating the bag with air. The bag slowly increases with air and expands. This demonstration shows the process of fresh oxygen consistently flowing to keep humans alive. When I stop pumping, the prop starts to lose air and deflates. Such a visual serves as a great reminder that oxygen can only be delivered to a human on Mars as long as the technology is working. The moment the technology stops humans are in trouble.

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Prop Artist Statement Example**

**Argument Position**

**Big Reason**

**Supporting Relevant Facts/Statistics:**

**Artist Statement**

**My Description of the Big Reason**

**My Description and Thinking Behind My Prop**