Benson, M. (2012, August 10). Exploring the planets enriches us at home. *The New York Times.* Retrieved from: http://www.nytimes.com/2012/08/11/opinion/exploring-the-planets-enriches-us-at-home.html.

This newspaper article covers the details of why the government should continue funding to explore space. The article begins by explaining the great accomplishment America achieved by having a perfect landing of Curiosity on Mars. However, he also mentioned a drawback. The Obama administration took by cutting NASA’s budget by nearly three-hundred million dollars. The author states that not only is the administration ending a successful and effective mission, but also the entire infrastructure, the engineering talent, the widely innovated ideas, scientific expertise that make up the Solar System. To clarify, the money is well spent because it benefits the economy and the world’s national prospects. He finally ends by explaining that NASA only costs less than half of the federal budget. The article presents a well-rounded perspective of re-committing to the exploration of space because it helps us more than it costs us. It is also a great source to use to argue why we should continue exploring space.

Chang, K. (2013, October 4). NASA to proceed with Mars mission. *The New York Times.* Retrieved from: http://www.nytimes.com/news/fiscal-crisis/2013/10/04/nasa-to-proceed-with-mars-mission/?\_r=0

This newspaper article presses on the plan of space exploration even if the government is shutdown. The author begins this article by stating that NASA has no obstacles and they will pursue the Mars mission. Congress deliberately stopped NASA from preparing the launch of the Maven spacecraft because they failed to provide funds for the federal government to continue functioning. NASA was not prepared for a problem of this magnitude. Basically, with the government shutdown, NASA does not exist. If the whole operation of the Mars mission was lengthened, they would have to wait about three years for launch due to the alignment between Earth and Mars. NASA has no plans on stopping because the launch can cause other major conflicts to the mission of Curiosity and Opportunity. The article presents a perspective of which, NASA will not stop what they feel is helping our knowledge of the solar system. The article is relevant to the topic of space exploration because it shows how the agency commits to exploring space no matter the obstacles.

CNN (2011, July 6). American morning: CNN: NASA to board an asteroid? Retrieved October 26, 2009, from http://www.youtube.com/watch?v=8XI7GCW0mOI

The video covers the next big step for NASA as to exploring space in the not too distant futures. CNN news shows a group of astronauts practicing on all the techniques and materials they need to explore an asteroid by the year 2025. The group has created an asteroid proving ground in the nearest environment of water due to zero gravity. NASA decides to take a small step before going to Mars and to do so they also created a vehicle which can travel on the surface of Mars, but the big issue is getting it there. NASA has many plans, but a small budget puts a stop on those plans. China, however, has the budget, but if they fail, American views it as an inspiration. The video presents a view of exploring an asteroid other than Mars even if they don’t have the budget to do so, they view it as a way to improve from error. The video is relevant to the topic because it portrays the difficulties of exploring space, but also the plans America has to accomplish the goal of exploring space.

Dixon, M. (2013, March-April). The Case for space. *Engineering & Technology for a Sustainable World, 20.2.* Retrieved from: http://go.galegroup.com/ps/i.do?id=GALE%7CA323661038&v=2.1&u=tlc199025597&it=r&p=GPS&sw=w&asid=6ddb4e5e5ca9e6df99fa315093715e32.

The journal specifies the benefits of space exploration because it is a sense of a driving force for developing technology for the production of food. Dixon explains the difficult challenges of exploring space, however, these are the challenges that prompt us to develop new ways to common problems such as recycling. This is important because there cannot be any type of garbage on the Moon or Mars due to environmental variables. However it also supports the necessity of using plants in order to have a sustainable system in space, which has forced research to recycle nutrients. There are two more aspects that drive the innovation of technology; radiation and maintaining air quality to set up a plant community in space. The journal presents a reliable argument; finding a new place to grow food is approaching us, but it also helps us in which we are finding new solutions to common conflicts on Earth. The journal is helpful to introduce the idea of exploring space to find a new place to grow our food and live.

Griffin, M. (2007, July). The real reasons we explore space. *Air & Space Magazine, p1-3.* Retrieved from: http://www.airspacemag.com/space-exploration/Uncommentary.html. The magazine goes over the actual reasons why NASA should continue functioning because if all of what makes up NASA were to disappear, people will become worried and lost. As many other sources, financial investment always comes up, but as President Bush said, there are three purposes why we need to continue; scientific discovery, economic benefit, and national security. However, the magazine article mentions that people do not care for those reasons, but for intuitive and compelling reasons. The article interprets this as if there is always a reason why things happen. Due to the space programs, humanity has grown and will keep growing due to the things accomplished. The article points out the true reasons why people argue about space exploration; and valid points to continue growing through scientific knowledge. The article relates to space exploration by pointing out a different point of view which is very uncommon.

Jessa, T. (2009, August 24). Benefits of space exploration. *Universetoday.com.* Retrieved October 26, 2013, from http://www.universetoday.com/37079/benefits-of-space-exploration/

The website covers an article that explains the benefits, as well as, difficulties of space exploration. The greatest challenge for exploring space is politicians and the public because it requires a vast amount of research and resources that the government is the only organization to fund it. The public argues that we shouldn’t waste money on space if we need it on Earth; however, the money goes to the workers and companies that play important roles to the US economy. The most important reason is the technological advances that benefit everyone on Earth. Scientists exclaim the magnitude of advancement if humans were to make contact with another civilization. Space exploring technologies have created different inventions such as the artificial heart or the insulation of our homes. The website points out the technological advances of space exploration which benefit Earth; therefore, space exploration is not a waste of money. The website article helps with another valid point for space exploration.

Marian, I. (2012, December). Controversial features of international space law. *Economics, Management, and Financial Markets, 7.4, p258.* Retrieved from: http://go.galegroup.com/ps/i.do?id=GALE%7CA325360814&v=2.1&u=tlc199025597&it=r&p=GPS&sw=w&asid=e0374128147025b2ce5520f14322ff33

The main point of this journal is to examine the relationship between the United States government and the aerospace industry. One of the major ideas of this journal is to gain a greater understanding of the exploration and use of outer space. In other words, it gives us an explanation of how each nation has the right to explore space. Each nation has an argument of who has authority of space resources; however, there is a treaty that explains the jurisdiction is under the human race. Others argue that the United States should be the ones to spread the resources throughout nations because they facilitate service technology and products to others. There is a space law created by the U.S which states the rules of exploring space. The journal states a valid point in which, exploring space can cause major problems involving the relationship between countries. The journal relates to one of the few problems humans face when exploring space and that is the fight for resources between nations.

Plait, P. (2007, November 28). Why explore space? *Discover.* Retrieved from: http://blogs.discovermagazine.com/badastronomy/2007/11/28/why-explore-space/#.UmXTafmkqWk.

The magazine article states that many view space exploration as a luxury, but realistically, it is dangerous. The article emphasizes on the many things humanity has accomplished through the use of satellites. People now have the tools to study why the environment is critical. With the technology to study other planets such as Jupiter, helps humans understand our planet better, and how humans can and are affecting it. The article finally revolves around the reason, in which, humans are always trying to push their boundaries, and space is that boundary. However the magazine article emphasized that space exploration is dangerous, but when done right, it revolutionizes our planet. The article brings another point to space exploration, that being, the danger it can be, but the wonders it helps humans discover.

Why has the need of exploring space come to exist?

What other agencies besides NASA participate in the exploration of space?

How is space exploration viewed between nations, not only the citizens of the United States?

Are there any effects the public has towards space exploration.