**Fact Sheet**

Please complete and make sure you hand in a printed version on presentation day. Please have different group members write in different colours and specify who is what colour (ie. Jill is Blue)

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| **Which planet are you travelling to? And where is it located (ie. Mercury is the first planet from the sun)** |  |
| **What is the distance to your planet in km and lightyears? Does your planet have an unusual orbit?** |  |
| **How long is one rotation of your planet? (the length of 1 day on your planet)** |  |
| **How large is your planet? How large is it in terms or other planets? What is it’s mass?** |  |
| **What is the force of gravity on your planet? How much would a 60 kg person weigh?** |  |
| **How long does it take for your planet to orbit the sun? (Length of one year on your planet)** |  |
| **What is the composition of the atmosphere on your planet?** |  |
| **What is the temperature range on your planet? How does it compare to Earth?** |  |
| **What is the composItion and type of planet? (ie. rocky or gas giant) What is its internal composition? What does it look like?** |  |
| **How many moons orbit your planet? Describe them in general** |  |
| **If there are rings that surround your planet describe them** |  |
| **How Would a Human Being Fare on Your Planet: On your planet, would a person choke in the atmosphere, be squashed by the extreme gravity, float with ease, freeze, burn up, or something else? Mention your well prepared gear and accomodations to keep visitors safe.** |  |
| **What special technology is needed to get your visitors safely from Earth to your planet? (ie. hibernation chambers, special kind of rocket etc.)** |  |
| **Something Special: Is there anything special about your planet? This can often be the best part of the report, taking you off on interesting topics. For example, are there 100-year-long storms on your planet? Are there giant volcanoes? Does your planet have a much tilted axis (giving it extreme seasons)? What will tourists discover different on this planet? Is your planet in an orbital resonance with another body?** |  |
| **Discovery of Your Planet: The planets that are not visible using the naked eye were discovered after the invention of the telescope (these are Uranus and Neptune). When was your planet discovered and by whom?** |  |
| **History of your planet: What is you planet made up of certain material and have a specific atmosphere (hint: think about how it formed)** |  |
| **What are 2 activities you can do on your planet? (Be creative, can you ride asteroids around a surrounding moon etc.)** |  |
| **What is one “day” trip you can do from your planet? Where would you go? Why would you go there?** |  |