



















Space - Blast Off!

Bloom's Taxonomy: Six Thinking Levels



Remembering	List at least 12 space words. Provide definitions for each. *Consider words that you may not already be overly familiar with.	Create a table or a spreadsheet showing the distance of each planet from the sun. 	Create a picture, or list, what you see in the sky during the day and during the night. 	Write up a short speech that an astronaut going on his/her first expedition into space might give. Share it with the class.	Find and read two picture storybooks about space. Read your favourite to the class.	List and draw 10 useful things you would take into outer space and justify why you would take them. 	On your planet, there is not much water. List and explain 10 strategies to conserve water.
Understanding	Write a 'Quick Facts' sheet about a planet of your choice. Consider how you will present this.	Explain why we would be different ages depending on what planet we live on.	Create a diagram labelling in detail the parts of the earth. 	Research the effects space has on your body. Write a report or record a video to share this information.	Write a realistic daily routine outlining what astronauts might do every day/night for a week in space. 	Describe feelings of being the first person to discover life on another planet. This should be approximately one A4 piece of paper.	Make up a menu for an astronaut for a week. Explain why you chose these foods. Consider packaging and preserving issues.
Applying	Write a letter of application for a job to NASA justifying why you should be chosen to accompany the next flight to space.	Create a model and/or explanation of how the earth spins on its axis as it orbits the sun. 	Create a space mural. Add space pictures. Attach space facts to the mural. 	Find out all about astronaut training. How do astronauts exercise in space? Describe the training that happens before, during and after an expedition. 	Identify the contributions made by various countries in early space flights. Make a brief timeline including relevant information.	Research and record changes in space travel. Make a timeline of events. 	You live in a space station; however, you still produce waste. Write a report to explain methods of waste reduction, removal and recycling.
Analysing	Create a biography about a space explorer (Yuri Gagarin, Neil Armstrong), and what they discovered on their expeditions.	Work out your weight on each planet. Hint: - consider the gravity of each planet. Graph your results and write a report on the comparisons.	Design a new space suit for a planet. Be sure to label it clearly and explain its functions and why it is best Suited for a particular planet.	Prepare questions for your classmates to try and answer (be sure to have the answers as well). 	Research and write a mini report on storms in space. 	Complete a postcard describing your experience of travelling to the moon or one of the planets.	Design a machine to collect and recycle space waste. 
Evaluating	Create a speech about why we need to consider living on planets other than earth. 	Evaluate the advantages to living in space versus on earth. *Consider traffic, noise, pollution, practicalities and convenience.	Evaluate the likelihood of colonisation of another planet. Think about the advantages and disadvantages for the human race if Mars or another planet were inhabitable.	Create a script of an interview between a journalist and a famous space scientist e.g. Copernicus, Galileo etc. 	An alien captures you and tells you it is going to blow up planet earth. Create a list of arguments to convince him to leave the planet earth intact.	Find four useful websites for gathering information about space. Explain why these websites were helpful and why you would recommend them to others.	Create a report to justify the benefits of setting up a city in space. Consider the environmental impact on both earth and outer space. 
Designing	Make a PowerPoint or poster advertising a holiday to Mars. Ensure that you include advantages, downsides and costs of holidaying in Mars.	Design and create an unmanned craft that can explore and collect data on a planet in our solar system. Consider how it might move and land on that planet.	Design a space station to be based on a planet. Evaluate each planet and decide which would be the best planet on which to establish the base.	Construct a space diorama. Include planets, earth, features of the sky. 	Design a new planet! Decide where it belongs, what it looks like, and detail the attributes of this new planet.	Create an Intergalactic Passport. Include: the planet you are from, photo, personal details, and stamps from all the other planets you have visited.	Create a speech to give to visitors from another planet to teach them how to become more environmentally friendly. Present your speech to the class.