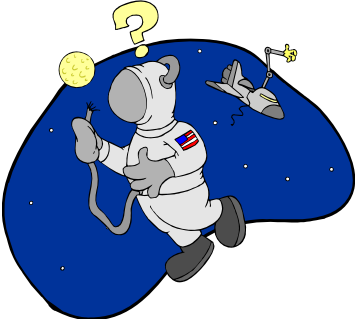


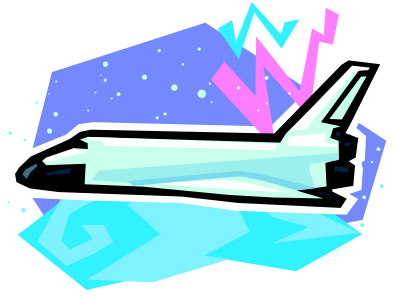
J Ch. 5 Exploring Space Presentations



(E.S. Indicator 8 – Name and describe tools used to study the universe (e.g., telescopes, probes, satellites, and spacecraft)

(Sci. & Tech. Indicator 1 – Examine how science and technology have advanced through the contributions of many different people, cultures and times in history)

(Sci. & Tech. Indicator 2 – Examine how choices regarding the use of technology are influenced by constraints caused by various unavoidable factors [e.g., geographic location, limited resources, social, political and economic considerations])



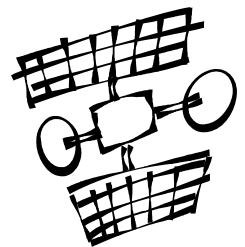
Your mission is to present a 2 minute presentation to the class on Wednesday, November 5 on one of the topics listed below. Your presentation should contain factual and current information as well as a visual aide. Please make your presentation as informative as possible.

Sources:

We will be conducting research & working on your PowerPoint presentations on Tuesday, October 28 – Friday, October 31 using the approved sites that can be accessed from Mrs. Ewart's web page, Science Online (from INFOhio, Grades 6 – 8 resources) and netTrekker D.I. search engine, both of which can be accessed from Root's Media Center page. Your textbook and our NASA speaker will also be helpful for some topics.

Meet with Mrs. Ewart and choose one of the following topics. No more than two people may choose the same topic. Topic selection will be made in the order students get to class on Tuesday, October 28.

1. Space Fashion (different types of space suits, what are the suits equipped for?)
2. Space Foods (what do they eat, how do they cook, what are their nutritional guidelines)
3. Space Hygiene (washing clothes, brushing teeth, showering)
4. Moving in Space (what is it like moving in less gravity, what was it like walking on the moon, what special items are in the shuttle to allow the astronauts to move around)
5. Science Experiments in Space (what types of experiments are currently being conducted, what has historically been investigated, what is the mission of astronauts when they go into space)
6. Training to be an Astronaut (what type of training do the astronauts need, what type of drills do they do before going into space, where do they train)
7. Living in the International Space Station (what daily activities are done there, how do we communicate with the astronauts, how do they get their supplies)
8. International Space Station (what is done there, what is it, why is it there)
9. Working Out (Exercising) in Space (what kinds of exercise do they do, why is exercise needed, why is it difficult to exercise in space)
10. Astronaut Biography (Pick an astronaut to study, what does the astronaut like about his/her job, what kinds of missions has this person been on, what is this person's background)
11. Space Shuttle (how was it built, what is its' history, what can the shuttle do, what are the different kinds)
12. Space Probes (what are space probes, what planets have they visited, what have they found, what are some of the current missions)
13. Space Race (history of race, important people, results of the program)
14. Rocket Science (what is rocket science, what is the history behind rockets, how do rockets work, what is the purpose of rockets)
15. Any other space exploration topic not listed (with approval from Mrs. Ewart)



Name _____ Block _____

Project Presented _____

Oral Presentation Rubric: J Ch. 5 Space Exploration

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CATEGORY	4	3	2	1	Self Eval	Teacher Eval
Learning objective (double value)	Thoroughly explains how topic fits into one or more of the above indicators.	Explains how topic fits into one or more of the above indicators.	Briefly explains how topic fits into one or more of the above indicators.	No explanation on how topic fits into one of the above indicators.		
Content (double value)	Shows a full understanding of the topic.	Shows a good understanding of the topic.	Shows a good understanding of parts of the topic.	Does not seem to understand the topic very well.		
Visual Aide	The visual aide is attractive and can be seen by all class members.	The visual aide is attractive, but cannot be seen by all class members.	The visual aide needs improvement in neatness.	The visual aide is missing or sloppy.		
Time-Limit	Presentation is 2 minutes long.	Presentation is 1-2 minutes long.	Presentation is 1 minute long.	Presentation is less than 1 minutes OR more than 4 minutes.		
Speaks Clearly	Speaks clearly and distinctly all the time and does not use umms.	Speaks clearly and distinctly all the time, but occasionally uses umms.	Speaks clearly and distinctly most of the time, but often uses umms.	Often mumbles or can not be understood OR uses umms a great deal.		
Volume	Volume is loud enough to be heard by all audience members throughout the presentation.	Volume is loud enough to be heard by all audience members most of the time.	Volume is loud enough to be heard by all audience members half of the time.	Volume often too soft to be heard by all audience members.		
Posture and Eye Contact	Stands up straight, looks relaxed and confident. Establishes eye contact with everyone in the room during the presentation.	Stands up straight and generally establishes eye contact with everyone in the room during the presentation.	Occasionally stands up straight and establishes eye contact.	Slouches and/or does not look at people during the presentation.		
Sources	Careful and accurate records are kept to document the source of 90-100% of the facts and graphics in the project.	Careful and accurate records are kept to document the source of 75-89% of the facts and graphics in the project.	Minimal records are kept to document the source of facts and graphics in the project.	No records are kept to document the source of facts and graphics in the project.		

Total _____ / 40 points