

Journey to Pogue Planetarium

Blast-Off

- Picture Bubble Map – Students work in small groups to create a bubble map related to their assigned picture
- Journal Write Activity – Students will choose a prompt to record in their journal
- Illustration – Students will utilize journal to illustrate a prompt
- Video Clip
Additional piece to ‘Blast Off’ activities

Encounter

Planetarium Journey



Re-Entry

- ***Compare/Contrast Thinking Map*** - distinguish the characteristics between sun, earth, & moon
- Grade Level Challenge – design an illustration for rotation & revolution
- Moon Phase Link – fun, interactive video about lunar phases
[Phases of the Moon](#)

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Blast Off (Before) Activity Instructions

Picture/Bubble Map - Divide class into groups of 6 -Each group gets a picture -Allow time for discussion amongst the group about the picture.

- Students will create a bubble map on chart paper or construction paper and present to the class their picture and their ideas about what it pertains to -Pick a few to present (Images attached at the end of this document).
 - **Journal Write Activity** - Students journal about one of the following prompts: What is the difference between the earth, sun, and moon. If you could travel to anywhere in the solar system, where would you go and why? Tomorrow you and your family are a part of a special program for building colonies on the Moon. What are some important things you will need in order to survive?
 - **Illustration**- Students may draw one of the following illustrations: Draw a picture of themselves on a rocket ship or in a space suit. Have students draw a picture of the sun, earth, and moon and describe their relationship - Underneath the illustration, students write explanation (brief, no more than 4 sentences).
 - **Video Clip**– (4 minutes long)
 - show this video clip after your choice of activity, depending on how long students to complete them.
- <http://app.discoveryeducation.com/player/view?assetGuid=8B246FD3-BF75-4A9E-B7C1-13C8D592C810&showBreadcrumbs=true>

The Magic School Bus-Trip to the Solar System Overview (4 minutes long)

<http://app.discoveryeducation.com/player/view?assetGuid=D2B92263-BD3E-4785-96B7-CC0CB6A8AE0F&showBreadcrumbs=true>

Spanish version of the video

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RE-Entry (After) Activity Instructions

- ***Compare/Contrast Thinking Map*** - distinguish the characteristics between sun, earth, & moon. In this activity, you can use a compare/contrast thinking map, also known as a triple bubble map. Under each bubble one object is written; sun, earth, moon. You could also have your kids be creative and illustrate each bubble; one would be a sun, one earth, one moon. Then, inside the bubbles, the kids list the physical characteristics of each object; sun, earth, moon.
- ***Grade Level Challenge*** - design an illustration for rotation & revolve. This could be proposed as a grade level challenge or a classroom challenge. Kids illustrate the meaning of the word rotate and revolve without using any written words. Have them fold a piece of Manila paper in half, one side is rotate and the other side is revolve. These could be hung on a bulletin board or in your hallway, show off the great work!
- ***Moon Phase Link*** - fun, interactive video about lunar phases. This website is interactive and it allows the kids to work from the Promethean board or the computer. The kids have to use their knowledge from the Planetarium, to answer the questions. Great visuals in this video! As an extension to this, the kids could write in their journals what they learned or create a brochure about Lunar Facts!

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