



Names: _____ Date: _____

Module 4: SDO Exploration Museum

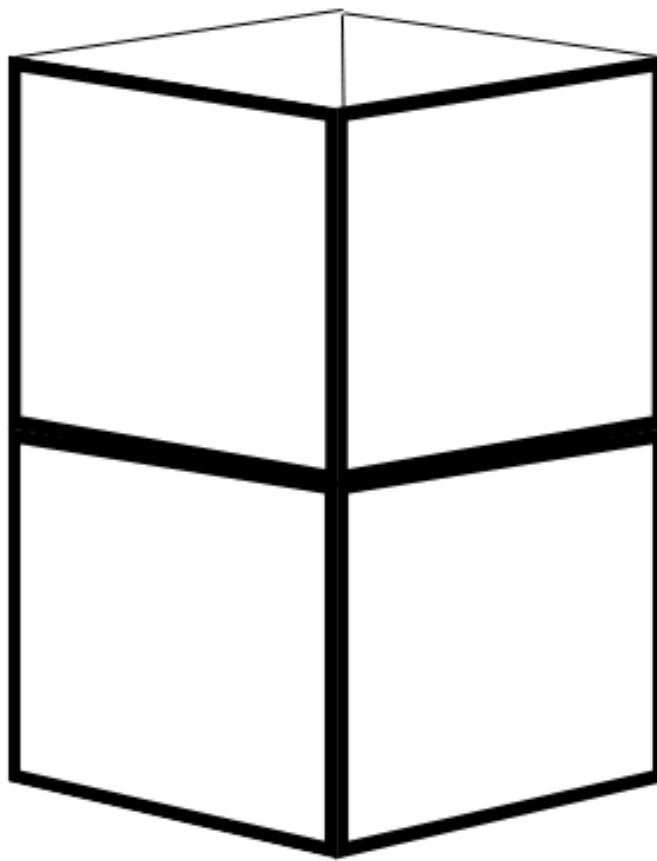
Activity: 3-D Solar Exhibit Preparation Worksheet

Cube exhibit design planning:

Use this worksheet to plan your team's 3-D Solar Exhibit cube design together.

- Each of the three SDO (Solar Dynamics Observatory) Solar Module topics will be displayed on one side of the cube display.
- Your team will decide on details of SDO they would like to display on the fourth side of the cube.
- For each side of the cube, record the names of the section leaders that are responsible for content, images, and artifacts. All team members contribute to the verbal summary script.
- Sketch the layout of Sides A-B for your exhibit design on the image below.
- The written responses in this worksheet will be used to type the final display copy for your team's 3-D Solar Exhibit, so give your best effort!

Side A



Side B



Solar Module 1 Topic: _____

Solar Module 1 Activity: _____

Content Section Leader:

Image Section Leader: _____

Artifact Section Leader: _____

Solar Module 1 Content:

Write one paragraph that concisely describes the Solar Module 1 Activity that your team completed. In your description clearly explain three to five scientific facts that your team has learned about the Sun and SDO. Remember to write in complete sentences using correct capitalization, word usage, punctuation, and spelling. Proof read and edit your response before you type it for your display.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery.



Cite Source(s) of Content:

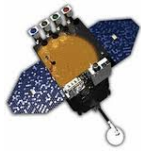
Solar Module 1 Images:

Images communicate detail and express interest about the content. Choose three images that visually represent and explain the Solar Module 1 content.

a) Solar Module 1 Image Description:

Cite Source of Image:

b) Solar Module 1 Image Description:



Cite Source of Image:

c) Solar Module 1 Image Description:

Cite Source of Image:

Solar Module 1 Artifact:

Artifacts demonstrate and provide evidence for the content. Select one artifact that provides hands-on experience or proof of the Solar Module 1 content.

Solar Module 1 Artifact Description:

Cite Source of Artifact:



Verbal Summary of Solar Module 1:

Write a short script that highlights the top three points you want your audience to learn about Solar Module 1.

SIDE B:

Solar Module 2 Topic: _____

Solar Module 2 Activity: _____

Content Section Leader: _____

Image Section Leader: _____

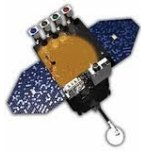
Artifact Section Leader: _____

Solar Module 2 Content:

Write one paragraph that concisely describes the Solar Module 2 Activity that your team completed. In your description clearly explain three to five scientific facts that your team has learned about the Sun and SDO. Remember to write in complete sentences using correct capitalization, word usage, punctuation, and spelling. Proof read and edit your response before you type it for your display.



Images communicate detail and express interest about the content. Choose three images that visually represent and explain the Solar Module 2 content.



Cite Source of Image:

b) Solar Module 2 Image Description:

Cite Source of Image:

c) Solar Module 2 Image Description:

Cite Source of Image:

Solar Module 2 Artifact:

Artifacts demonstrate and provide evidence for the content. Select one artifact that provides hands-on experience or proof of the Solar Module 2 content.

Solar Module 2 Artifact Description:



Cite Source of Artifact:

Verbal Summary of Solar Module 2:

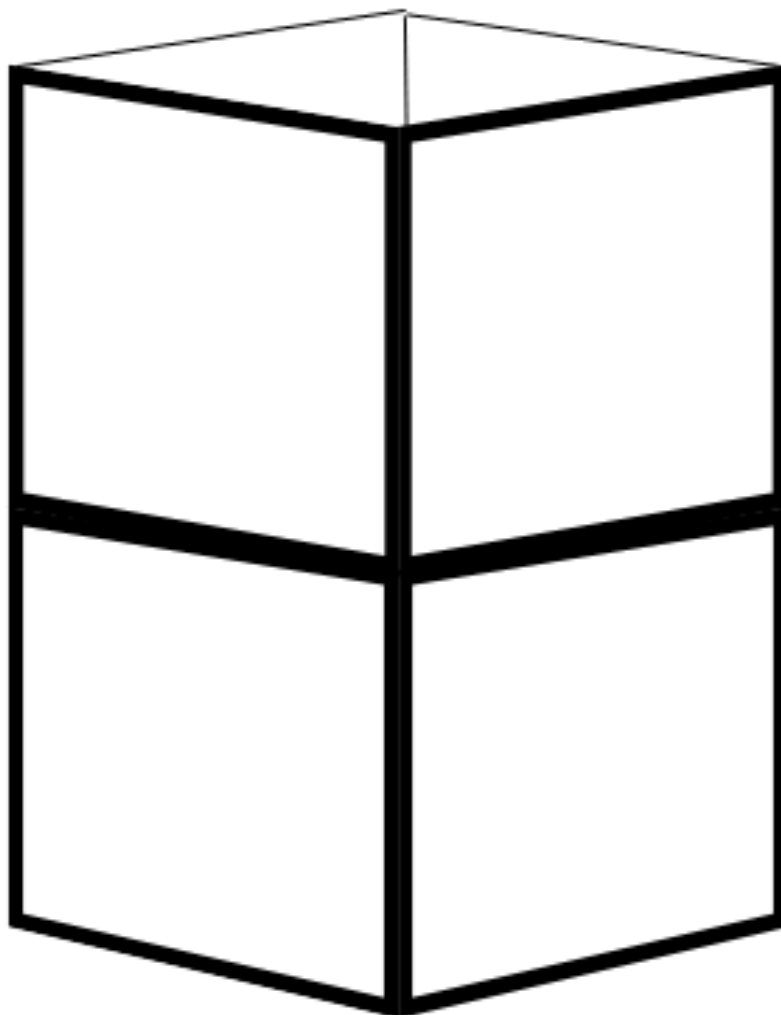
Write a short script that highlights the top three points you want your audience to learn about Solar Module 2.

Cube exhibit design planning continued:

- Each of the three SDO (Solar Dynamics Observatory) Solar Module topics will be displayed on one side of the cube display.
- Your team will decide on details of SDO they would like to display on the fourth side of the cube.
- For each side of the cube, record the names of the team members that are responsible for content, images, and artifacts. All team members contribute to the verbal summary script.
- Sketch the layout of Sides A-B for your exhibit design on the image below.
- The written responses in this worksheet will be used to type the final display copy for your team's 3-D Solar Exhibit, so give your best effort!



Side C



Side D

SIDE C:

Solar Module 3 Topic: _____

Solar Module 3 Activity: _____

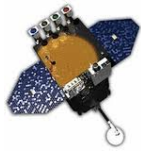
Content Section Leader: _____

Image Section Leader: _____

Artifact Section Leader: _____



This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Cite Source(s) of Content:

Solar Module 3 Images:

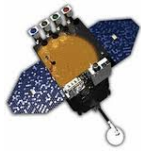
Images communicate detail and express interest about the content. Choose three images that visually represent and explain the Solar Module 3 content.

a) Solar Module 3 Image Description:

Cite Source of Image:

b) Solar Module 3 Image Description:

Cite Source of Image:



c) Solar Module 3 Image Description:

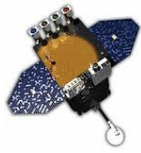
Cite Source of Image:

Solar Module 3 Artifact:

Artifacts demonstrate and provide evidence for the content. Select one artifact that provides hands-on experience or proof of the Solar Module 3 content.

Solar Module 3 Artifact Description:

Cite Source of Artifact:



Verbal Summary of Solar Module 3:

Write a short script that highlights the top three points you want your audience to learn about Solar Module 3.

SIDE D:

Solar Module/SDO Topic: _____

Content Section Leader: _____

Image Section Leader: _____

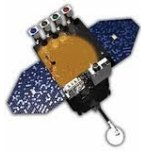
Artifact Section Leader: _____

Solar Module/ SDO Topic Content:

Write one paragraph that concisely describes additional information on SDO or a Solar Module activity that your team completed. In your description clearly explain one to three scientific facts that your team has learned about the Sun or SDO. Remember to write in complete sentences using correct capitalization, word usage, punctuation, and spelling. Proof read and edit your response before you type it for your display.



Images communicate detail and express interest about the content. Choose three images that visually represent and explain SDO or Solar Module content.



Cite Source of Image:

b) Solar Module Image Description:

Cite Source of Image:

c) Solar Module Image Description:

Cite Source of Image:

Solar Module Artifact:

Artifacts demonstrate and provide evidence for the content. Select one artifact that provides hands-on experience or proof of the SDO or Solar Module content.



Solar Module Artifact Description:

Cite Source of Artifact:

Verbal Summary of Solar Module:

Write a short script that highlights the top three points you want your audience to learn about SDO or the Solar Module.

Typing Final Copy for 3-D Solar Exhibit Display:

After all of the sections of this worksheet are complete and are checked for accuracy, type each section according to the exhibit formatting requirements:

- Exhibit title is typed in a large, legible font (min. 72 point) and reflects the SDO project.
- The exhibit has all three Solar Module topics labeled with subtitles that explain the three Solar Module activities completed, plus the fourth section labeled with a supporting subtitle.
- All written sections of the exhibit are typed in a legible font (min. 14 to max. 28 point).
- Each Solar Module content paragraph is in your team's own words (no plagiarizing!), reflects the topic subtitles, and connects to SDO.