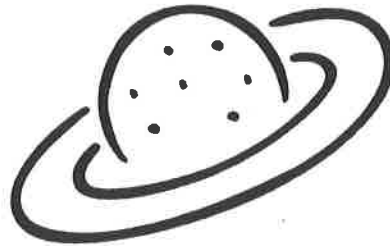


# Planet Research



Name of Planet

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Name of Researcher

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## Our Planets 2<sup>nd</sup> Grade Science Exhibition Project

Students will each be assigned a planet from our solar system to research as an extension of our learning in the classroom. At home, students will put together a presentation sharing all of the information they have researched and learned about their planet. This project has two parts:

- 1.) 3-Dimensional Planet Model: Using any materials of your choosing, create a 3-D model of your planet to display. This should be *realistic* and should help us to visually see what this planet looks like in our solar system. Use the planet design sheet attached to create a plan for your 3-D model.
- 2.) Presentation: Along with creating a 3-D model of your planet, choose one of the following ways to display all of the important information and research you have learned about your planet. Use the planet research graphic organizer attached to help you gather information to use. You will present your planet to your 2<sup>nd</sup> grade class!

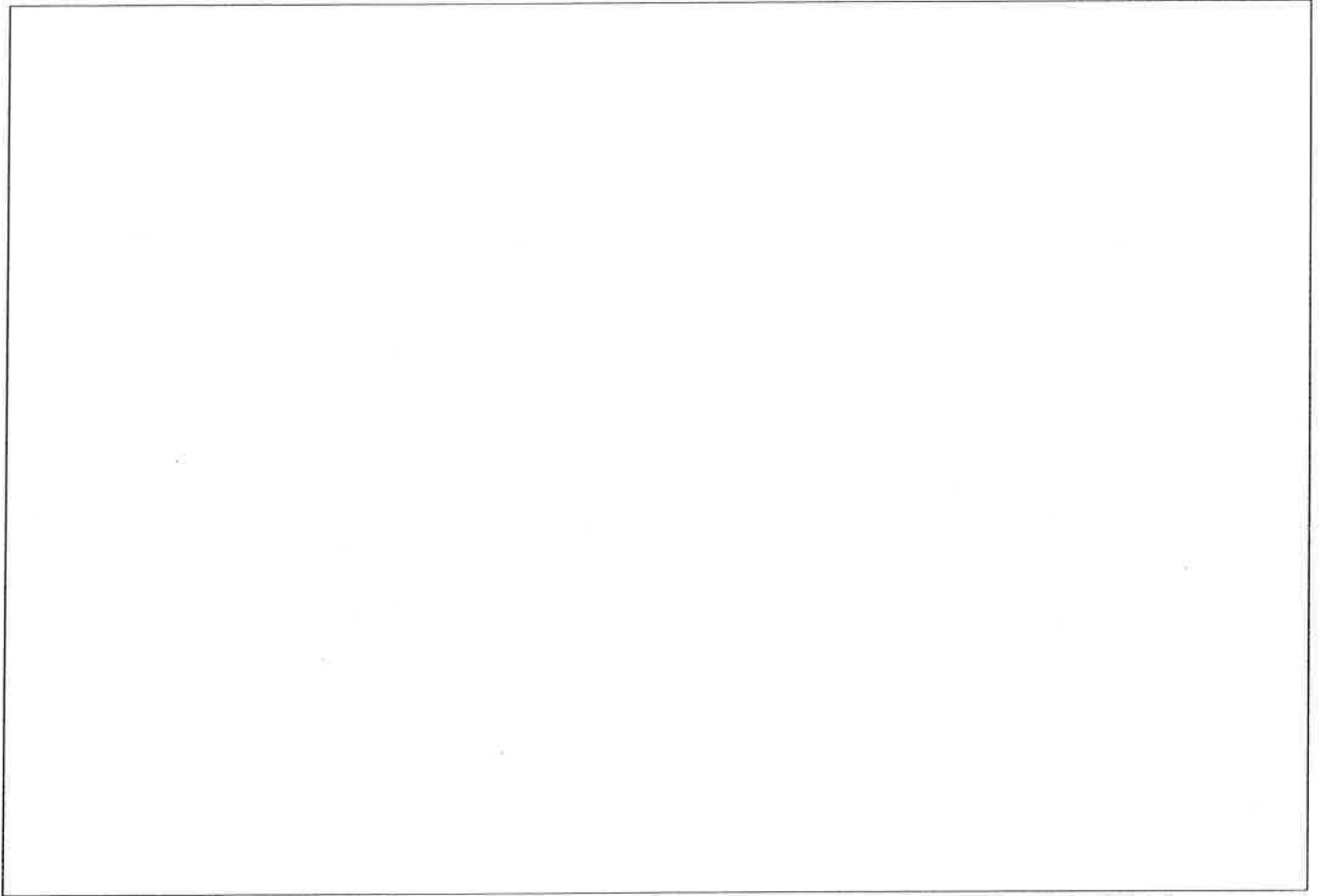
### Planet Presentation Choice Board

Choose one of the following to display your planet research.

Write an informational non-fiction book about your planet. Use our non-fiction text features! Be sure to include all of the important information from the rubric.	Create a poster displaying all of the important information about your planet. Make sure you include all of the important information from the rubric.	Write a song or poem about your planet. Make sure you include all of the important information from the rubric.
Create a PowerPoint presentation to display all of the important information from the rubric about your planet.	Write and draw a comic strip about your planet. Make sure you include all of the important information from the rubric.	Create a travel brochure persuading someone from Earth to visit your planet. Make sure you include all of the important information from the rubric.

# Planet Design Sheet

Draw an illustration of what your 3-D planet model will look like.



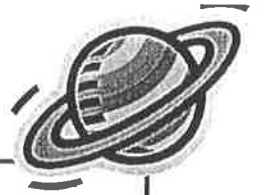
Create a list of possible materials needed:

- 
- 
- 
- 
- 

Have fun creating your 3-D model! ☺



# Planet Research



Physical Characteristics

Location in Solar System

Distance from Sun

Number of Moons

Period of Rotation

Period of Revolution  
(Complete orbit around Sun)

Size of Planet

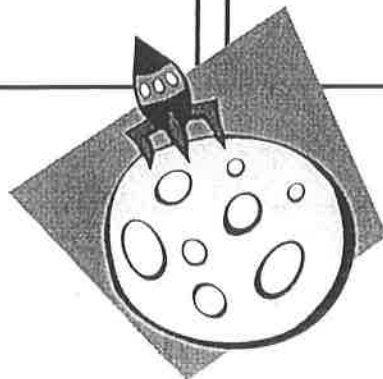
Diameter

Mass

Temperature on Planet

Atmosphere

Interesting Fact



## Our Planet Research Project & Presentation Rubric

	4	3	2	1
<b>Required Elements</b>  1. Physical Characteristics 2. Location in the Solar System 3. Distance from the sun 4. Number of Moons 5. Rotation & Revolution 6. Size of the Planet 7. Temperature on Planet 8. Atmosphere 9. Interesting Facts (2-3 facts)	All 9 of the required elements are included in the project.	6-8 of the required elements are included in the project.	4-5 of the required elements are included in the project.	3 or less on the required elements are included in the project.
<b>3-D Model</b>	Student used a creative 3-D way to visually represent their planet. Planet visually represents the planet's characteristics.	Student used a 3-D way to visually represent their planet. Planet somewhat visually represents the planet's characteristics	Student created a 3-D way to visually represent their planet. Planet does not visually represent the planet's characteristics.	Student did not create a 3-D model of their planet to visually represent.
<b>Accuracy</b>	All the information in the project is accurate	Most of the information in the project is accurate.	Some of the information in the project is accurate.	Very little of the information in the project is accurate.
<b>Neatness</b>	Project is neat and well organized.	Project is mostly neat and well organized.	Project is a little messy and unorganized.	Project is completely messy and unorganized.
<b>Presentation</b>	Student is well prepared for the presentation with evidence of practice of rehearsal. Student gives an	Student is somewhat prepared for the presentation with evidence of practice or rehearsal. Student can read most words with accuracy.	Student is not well prepared for the presentation with practice or rehearsal. Student can read little words with accuracy.	Student is not prepared for the presentation. There is lack of evidence of practice or rehearsal. Student is unable to read most words with

## Our Planet Research Project & Presentation Rubric

	enjoyable and knowledgeable presentation.			accuracy.
<b>On Time</b>	Turned in on time	Turned in a day late	Turned in 2 days late	Turned in 3 or more days late
<b>Student Created</b>	The project shows evidence that it was created by a student with little help from an adult.	The project shows evidence that it was created by a student with help from an adult.	The project shows evidence that it was created by a student with a lot of adult help.	The project does not show evidence that it was created by the student.

Total: \_\_\_\_\_ out of 28 pts.

Comments: