

Planets in Our Solar System

WebQuest Description: This webquest is created to learn about planets in our solar system with joy and fun!

First, you'll see the video in the attachment and you've gathered all of the information and you can sing that fun song too.

After that, sing alternately with your friend. You can also exchange the information from that video with your friends.

Last, make the project about planets in the solar system using your own words and your creativity based on the information that you've gathered..

Grade Level: 3-5

Curriculum: Science

Keywords: solar system, planets, sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

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Introduction

Have you ever think about the other planets except Earth? Is there life too? What's there? What does it look like? And maybe many questions more! Now, imagine that you are in a short trip to planets in our solar system. Are you ready? ENJOY THE TRIP!

Tasks

Write down at least 2 paragraphs, at least 5 sentences for each paragraph and make the project about the planets in our solar system on the cardboard.

Process

On this fun trip, you're going to go through 3 phases to learn more about the planets. Those phases are preparation, check what you've learnt, and pour your creativity by the project. Don't forget to always return back to this website after you finish each steps. Phase 1 - Preparation Step 1 Before going on a short trip, you have to prepare for it! To explore planets, Click Here to sing and fun learning. After the video is over, review and take notes for yourself. Step 2 Sing a song again by take turns with your friends. You can exchange the information from your friends too. Phase 2 - Check what you've learnt It's time to practice your understanding about the planets in our solar system. Click Here for practice 1 Read the questions carefully, after answering all of it you can check your answer by clicking "submit" after you click your answer and the page will give you the correct answer. Click Here for practice 2 It doesn't matter if on practice 1 you had many wrong answers, you can try again on practice 2. As like as practice 1, after you choose your answer, click "submit" then you can check your answer whether correct or wrong. Phase 3 - Pour your creativity After practice from your trip, it's time to pour what you've learnt using your own words and your creativity. Make the solar system on the cardboard and write down at least 2 paragraphs about it, at least 5 sentences in each paragraphs. Decorate it by your own creativity! Click Here to see an example how to make it. Next, take the photos, video and e-mail it to my email yohanarosolim@gmail.com

Evaluation

To test students' knowledge about planets in solar system is based on answering quiz on paper and the students are also asked to presentation about their project.

Category and Score	Keep cheer up! Never give up! (25%)	Need Improvement (50%)	Good job! (75%)	Awesome! (100%)	Score
Quiz	Learner's score between 0-25	Learner's score between 25-65	Learner's score between 65-85	Learner's score between 85-100	50
Presentation	Learner speaks with little bit vocabulary, bad grammar, not fluent, low sound, give little bit information.	Learner speaks with more vocabulary, bad grammar, not fluent, low sound, give more information.	Learner speaks with more vocabulary, good grammar, not fluent, good sound, give more information.	Learner speaks with many vocabulary, good grammar, good fluent, good sound, give many information.	30
Text about planets	Learner writes with low vocab, bad grammar, low information.	Learner writes with good vocab, bad grammar, low information.	Learner writes with good vocab, good grammar, low information.	Learner writes with good vocab, good grammar, good information.	20

Category and Score	Keep cheer up! Never give up! (25%)	Need Improvement (50%)	Good job! (75%)	Awesome! (100%)	Score
				Total Score	100

Conclusion

Congratulations! You've finished your trip! During this lesson, we learnt that our Solar System has eight planets which orbit the sun. In order of distance from the sun they are; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Pluto, which until recently was considered to be the farthest planet, is now classified as a dwarf planet. Additional dwarf planets have been discovered farther from the Sun than Pluto. Some asteroids are also dwarf planets.

Teacher Page

Feel free to use this webquest as one of the way to teach planets in our solar system with fun! This lesson is designed for a class that has learned how to use computer programs and understand how to comprehend internet sites. I'd suggest allowing the students approximately 45 minutes on the phase 1 to gather information. 20 minutes for learners to complete the quiz, and 25 minutes to do the project. The total time would be 90 minutes for the entire lesson. Teachers should ensure activities are done in a sequential order as to develop conceptual understanding.

Standards

This lesson about planets in our solar system is guided by the standard of Cambridge Primary Curriculum and Kurikulum 2013 (K13) used in Indonesia for grade 5th students.

Credits

First, I'd say thank to God that I can finish this WebQuest. Special thanks to Mrs. Tiarna as my lecturer who had guided us how to use this WebQuest which is so useful. And also science cambridge book that I used and all websites.

Other