



My Mission Log

Exploring New Worlds

Name:

rock by rock 

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1.2 Headlines from the Future

Many people read newspapers to find out information and learn about events that are happening around the world. One of the main features of a newspaper is the headline. A headline is the main title of a news story. Headlines are printed in large letters at the top of a story and are short, catchy phrases that will grab the readers' attention. Think about what you have learned about what life on Earth might be like in 2050. What scenario do you think is most likely to happen? What headlines do you think will be written at the top of the newspapers?

Directions: Write a headline in the box at the top of the newspaper based on what you think life will be like in the future. Then draw a picture related to this headline and write a caption to explain what is happening in the picture.



2.1.A Moving to Mars

Directions: Imagine you were moving to Mars. What would this experience be like for you? Answer the questions below to help you understand this experience.

What would you see?



What would you hear?



What would you do?



What might you think and feel?



3.1 Pick Your Practice

Directions: Pick three words you think will be hardest to remember. Draw a picture for each word, label your picture with the word, then use that word in a sentence. **Bonus points** if you can use the word _____, _____, or _____ in one of your sentences. Just for fun.



3.5 Oxygen Production

Imagine yourself swimming. You release a little bit of air as you swim through the water and bubbles float up around you. These bubbles are created when you release oxygen from your nose or mouth.

Did you know plants continue the process of photosynthesis when they are in water? We can see the process by observing the bubbles that are released from the plants' leaves when they are placed in water in the sunlight.



Materials



4 clear containers



water



4 different types of leaves



4 rocks



Magnifying Glass



Investigation Reflection

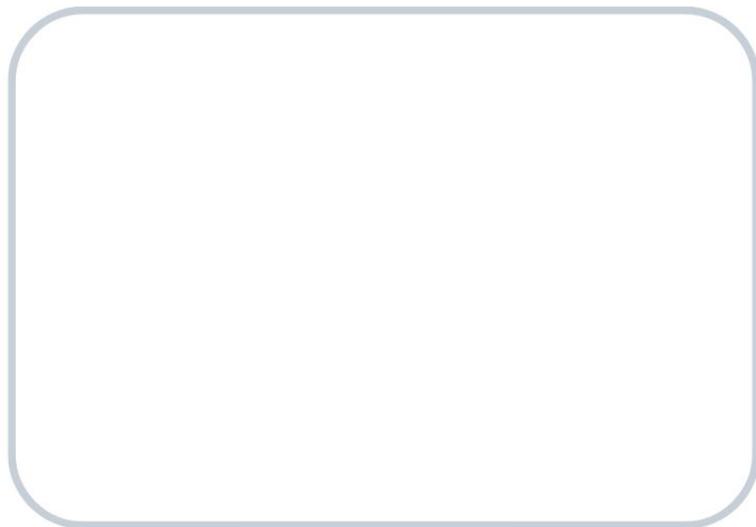
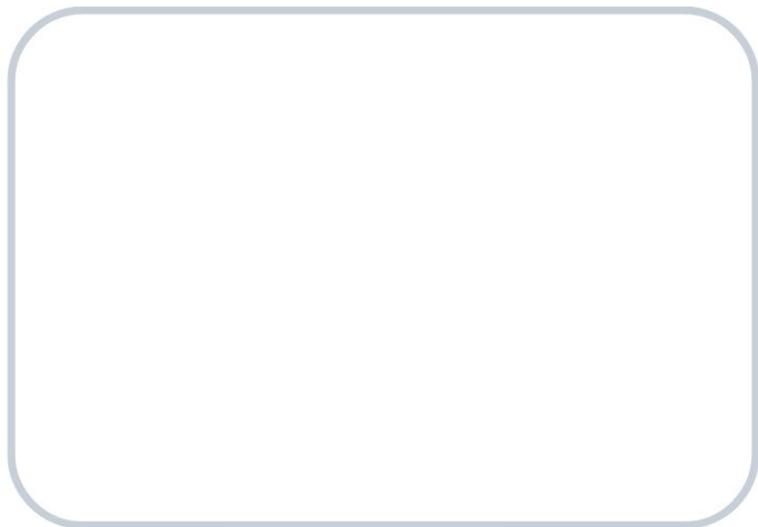
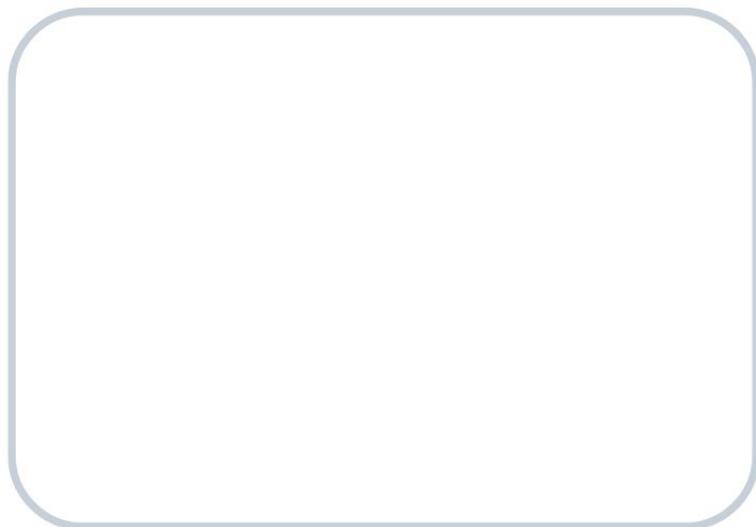
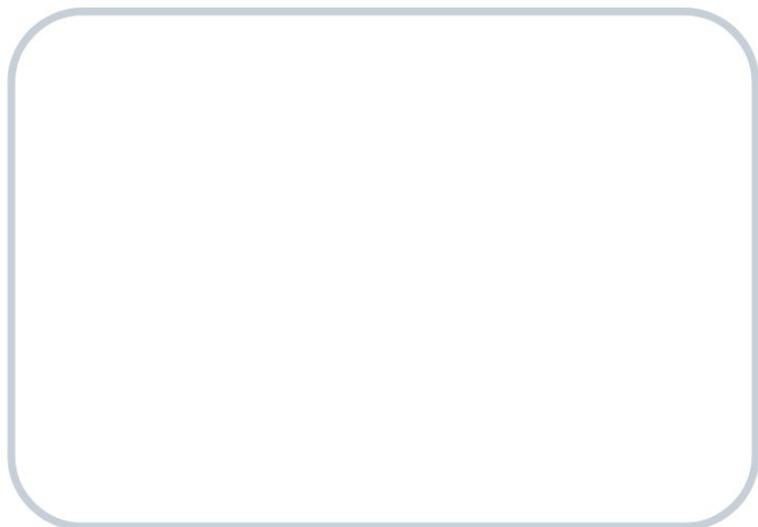
Directions:

Step 1: Place the four containers in sunlight. Fill the containers with an equal amount of water. (The water must be deep enough to cover the leaves).

Step 2: Place one leaf in the middle of each container. Weigh the leaf down by placing a rock in the center of the leaf. Make sure the leaves are completely covered in water.



3. Observe and Record: Draw the leaves in each of the containers. Include the bubbles that were released through photosynthesis.



4. Analyze Data: Circle the correct claim. Then, use your observations and data to write evidence to support the claim.

- Claim 1: All plants release the same amount of oxygen during photosynthesis.
- Claim 2: Some plants release more oxygen than others during photosynthesis.

A large, light gray rounded rectangular area intended for writing evidence to support the claim.

5. Use New Knowledge: How might planting more of the plants that release more oxygen benefit humans and other animals?

End of Preview

If you want to see the rest of the student Mission Log,
sign-up for a free-trial.

rock by rock 