



### Science Ecosystem Project (DIORAMA)

Due Date: Thursday, February 7, 2019

**Diorama directions:** Choose an ecosystem and create a diorama depicting your chosen ecosystem. The size of your project is not important, as long as you can include plants, animals, land, and other elements that will increase classmates understanding of your ecosystem. Your project must include texture and 3D elements such as sandpaper for sand or cotton balls for clouds. There should be no text on your project besides the ecosystem name at the top. Do not print off text from the internet and glue it on your project.

**Research directions:** Use your computer, and resources at home to thoroughly research your ecosystem (you should be an expert on your ecosystem). Answer the questions in complete sentences and in your own words. Please remember that plagiarism (copying another person's words down and claiming them as your own) is illegal.

**IMPORTANT:** Do **NOT** start this project the night before it is due. You will not have adequate time to construct diorama and answer the questions properly; that will be reflected in your grade. Make sure that **YOU** do this project **yourself** (individual work).



**Ecosystem Research Questions:**

1. What is your chosen ecosystem?

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2. Why did you select this ecosystem?

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3. What is weather like in your ecosystem?

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4. How much precipitation does your ecosystem receive annually?

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5. Where, in general, can your ecosystem be found?

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6. What was the most interesting fact you found out about your ecosystem?

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7. List five **biotic factors** in your chosen ecosystem.

Factor \_\_\_\_\_ Factor \_\_\_\_\_

Factor \_\_\_\_\_ Factor \_\_\_\_\_

Factor \_\_\_\_\_

8. List five **abiotic factors** in your chosen ecosystem.

Factor \_\_\_\_\_ Factor \_\_\_\_\_

Factor \_\_\_\_\_ Factor \_\_\_\_\_

Factor \_\_\_\_\_



Name: \_\_\_\_\_ Group: 5° \_\_\_\_\_

9. What sources did you use to locate your information?

a. Source Title: \_\_\_\_\_

Author: \_\_\_\_\_ Main Pages Used: \_\_\_\_\_

Where did you find this source? (library, online, textbook) \_\_\_\_\_

Web address (if applicable): \_\_\_\_\_

b. Source Title: \_\_\_\_\_

Author: \_\_\_\_\_ Main Pages Used: \_\_\_\_\_

Where did you find this source? (library, online, textbook) \_\_\_\_\_

Web address (if applicable): \_\_\_\_\_

### CHECKLIST

CRITERIA	YES / NO	Maximum Points	Obtained Points
	✓ X		
I made a diorama depicting my chosen ecosystem (includes the ecosystem name at the top).		4	
All the organisms in my project match the ecosystem I selected.		1	
My work has my name group and date.		1	
I properly answered the “ Ecosystem Research Questions”		4	
<b>TOTAL</b>		10	