

NAME: _____

Ecological Succession Activity

*You must choose 1 activity to complete below. Once you choose your activity, you will be given a specific scenario to complete your task.

Task 1: Creative	Task 2: Writing	Task 3: Informational
<p>Create a Flip Book of Succession</p> <p>Background Info: You will design a flip-book (many pages of drawings which, when flipped, move like a motion picture) which demonstrates succession, natural changes in an ecosystem in response to a natural disaster.</p> <p>Materials: 4-5 index cards, colors, notes on succession</p> <p>Instructions: You will be given a scenario stating the natural disaster that occurred and in what region of the world.</p> <ol style="list-style-type: none"> 1. Your first card is your title page and should include the following information: Your name AND the scenario you were given (Ex: Hurricane in the tropical rain forest). 2. Be sure that your succession of organisms and growth is accurate with the biome you have been given. 3. Also remember that a disturbance that removes the soil (such as volcanic eruption, avalanche or glacier) must start the growth process with bare rock and pioneer organisms (moss and lichen). 4. On the back of each card you will write (in complete sentences) an explanation of what is happening in each part of your flipbook. 5. Once you are finished, staple your cards together so that they can be "flipped" to show your "movie" of succession. 	<p>Create a Play or Skit to show succession</p> <p>Background Info: You are an organism living in an area watching the events play out of succession after a natural disaster. You will create a play/skit that explains the events from your eyes.</p> <p>Materials: Paper and Imagination</p> <p>Instructions: You will be given a scenario stating the natural disaster that occurred and in what region of the world.</p> <ol style="list-style-type: none"> 1. Include a description of what happened during your natural disaster. 2. Be sure that your succession of organisms and growth is accurate with the biome you have been given. 3. Also remember that a disturbance that removes the soil (such as volcanic eruption, avalanche or glacier) must start the growth process with bare rock and pioneer organisms (moss and lichen). 4. Because you are writing – you must accurately DESCRIBE what each stage of the biome looks like and make sure the timeline is correct. 5. Depending on the organism, make sure their life span is appropriate for the timeline of succession taking place. 	<p>Create a Piktochart or Poster showing the events taking place.</p> <p>Background Info: You will design a Piktochart/Poster that demonstrates succession in an ecosystem in response to a natural disaster.</p> <p>Materials: Piktochart Account or Poster and Markers</p> <p>Instructions: You will be given a scenario stating the natural disaster that occurred and in what region of the world.</p> <ol style="list-style-type: none"> 1. Include your Natural Disaster in some way on your poster. 2. Be sure that your succession of organisms and growth is accurate with the biome you have been given. 3. Also remember that a disturbance that removes the soil (such as volcanic eruption, avalanche or glacier) must start the growth process with bare rock and pioneer organisms (moss and lichen). 4. Include a picture of each step and a description of what is happening. Do Not Use a lot of Words to explain each part! 5. Make sure it is colorful!

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Rubric

	10	6	3	0
Scenario Given	Succession was demonstrated well based on the scenario.	Succession was demonstrated, but there were missing parts.	Succession was evident, but most of the information was missing.	Did not attempt to show succession of given scenario.
Organisms and Growth	The organisms used and their growth was correct based on the biome.	The organisms were correct but their growth/interactions were not correct	The organisms were not correct or their growth was completely wrong based on the biome.	Did not attempt to show different organisms or their growth.
Pioneer Species	The correct pioneer species was used.	A Pioneer species was used but was not correct.	There was not a pioneer species for that biome listed.	Did not attempt to show a pioneer species or mention one.
Creativity	The project was well thought out and it was evident that time was spent doing it.	The project was thought out but not well executed.	The project was not well thought out and it appears it was put together hastily.	Did not attempt any creativity with the project (ex. Turned info in on paper)
Flip Book ONLY	Created a true succession timeline of events that occur to look like a movie.	Created a true succession timeline of events that happened but did not look like a movie.	Pictures did not include all of the events and did not flip like a movie.	Did not attempt to create a flipbook (ex. Only drew pictures on notecards)
Play/Skit ONLY	If acted out, this would truly show what the correct events of succession and paint a picture of what is happening to the audience.	If acted out, this would show the events of succession but not necessarily create a picture of what is happening to the audience.	If acted out, it would not show the events of succession or they would be out of order and the audience would be confused.	Could not be acted out because the play or skit was not written as such.
Poster/Picktochart ONLY	It was well designed with minimal words explaining the different parts of succession. Pictures were included.	It was put together with too many words for each picture of each event.	There were either pictures or words to describe each event but it was hard to follow and not enough information.	Did not attempt to create a poster or a picktochart OR most of the information was missing.
Totals				
Overall Grade	_____ /50			