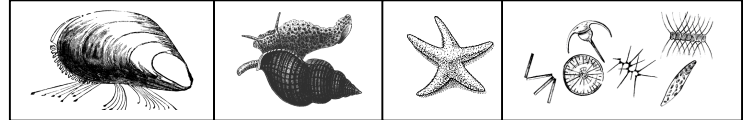


Ecology – Interactions, Energy, Nutrients, and Change in the Intertidal Community

Ecologist: _____

Date: _____ Period: _____

Activity 4 – Biodiversity Action Plan



Objectives: Given background information on a specific tide pool ecosystem, students will be able to create an action plan designed to maximize biodiversity. This action plan may be in the form of a powerpoint, poster, advertisement pamphlet, song, skit, poem, rap, etc.

Choose one of the following assessment options:

Assessment	Requirements	Max # of group members
Poem	Minimum of 3 stanzas with 4 lines each	2
Rap	Minimum of 3 verses with four lines each. Must also have a beat-boxer	3
Skit	Must in be at least 1 minute in length, and include people	6
Interpretive Dance	Must include a narrator, awesome/perfectly choreographed dance moves	6
Poster	Must include two pictures, labels	2
Powerpoint	Minimum of 3 slides/max. of 10. Must include at least 2 pictures	2

Each assessment must: include a title and use important vocabulary.

Scoring Rubric

CATEGORY	4	3	2	1
Content	Project meets all of the following criteria: includes a title that describes the project; correctly uses all of the required vocabulary term, and meet all of the specific requirements for the selected project type.	Project meets all but one of the following criteria: includes a title that describes the project; correctly uses all of the required vocabulary term, and meet all of the specific requirements for the selected project type.	Project does not meet two of the following criteria: includes a title that describes the project; correctly uses all of the required vocabulary term, and meet all of the specific requirements for the selected project type.	Project does not meet three or more of the following criteria: includes a title that describes the project; correctly uses all of the required vocabulary term, and meet all of the specific requirements for the selected project type.
Content Accuracy	All content throughout the presentation is accurate.	Most of the content is accurate but one piece of information that might be inaccurate.	The content is generally accurate, but one or more pieces of information is clearly flawed or inaccurate.	Content is confusing or contains several factual errors.
Use of Graphics	All graphics, fonts, and backgrounds support the theme/content of the presentation by their content, size, and placement.	Most graphics, fonts, and backgrounds support the theme/content of the presentation by their content, size, and placement.	Some graphics, fonts, and backgrounds support the theme/content of the presentation by their content, size, and placement.	Graphics, fonts, and backgrounds distract from or make difficult to read the theme/content of the presentation by their content, size, and placement.
Cooperation	Group delegates tasks and shares responsibility effectively all of the time.	Group delegates tasks and shares responsibility effectively most of the time.	Group delegates tasks and shares responsibility effectively some of the time.	Group often is not effective in delegating tasks and/or sharing responsibility.
Presentation of topic	The topic of the presentation is stated clearly, presenters face the audience, maintain eye contact with the audience, and speak at an appropriate volume at all times .	The topic of the presentation is stated clearly, presenters face the audience, maintain eye contact with the audience, and speak at an appropriate volume most of the time.	The topic of the presentation is not stated clearly, or presenters do not face the audience, maintain eye contact with the audience, or speak at an appropriate volume most of the time.	The topic of the presentation is not stated clearly, and presenters do not face the audience, maintain eye contact with the audience, or speak at an appropriate volume during the presentation.