

Name:
 Teacher:
 Class:
 Date:

Create an Alien Invader

Rubric

Performance Indicators – Students will be able to:	1 Does not meet standard	2 Partially meets standard	3 Meets the standard	4 Exceeds the standard
“Describe how systems are nested and that systems may be thought of as containing subsystems (as well as being a subsystem of a larger system) and apply the understanding to analyze systems.”	*Gives a common name but not a scientific name	Assigns a scientific name to the created creature, but the genus or species name is not present or incorrectly formatted: Genus – capitalized species – lower case	Assigns a scientific name that includes genus and species in the correct format: Genus – capitalized species – lower case	Meets the standard AND explains the difference between the genus and species in a scientific name
Explain how biologists use internal and external anatomical features to determine relatedness among organisms and to form the basis for classification systems.	**Makes some attempt to meet the standard, but the result is unclear or incorrect. (SEE Column 3)	Partially meets the standard by including two of the three main attributes OR Three attributes are present but are incomplete (SEE Column 3)	Describes at least three structural adaptations AND Describes at least three behavioral adaptations AND Explains the change in the environment to which the creature had to adapt in order to survive.	Meets the standard AND Gives at least two clear reasons why its adaptations help the creature to survive <u>better</u> in the environment, which it chose to invade, than other creatures present.

***NOTE: “Not named at all” cannot be scored.**

****NOTE: “No attempt to meet the standard” or “the material is too illegible to read” cannot be scored.**