Names: \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_

**Final Project Assessment Rubric**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | Criteria |
| Diagram | None of the criteria are met. | One or two criteria are met. | Three or four criteria are met. | All five criteria are met. | Shows the five stages in the life cycle of a frog: egg, tadpole, tadpole with legs, froglet, and frog.  Stages are in order.  Stages are shown in a cycle with arrows showing direction.  Each stage is depicted in a drawing.  Each stage is labeled. |
| Description of Egg Stage | None of the criteria are met. | One criterion is met. | Two criteria are met | All three criteria are met | Description includes where eggs came from.  Description includes the location of the egg: in the water.  Description includes the food source contained within the egg: yoke. |
| Description of Tadpole Stage | None of the criteria are met. | One criterion is met. | Two criteria are met | All three criteria are met | Description includes physical features of the tadpole: tail and gills.  Description includes where the tadpole lives: in the water.  Description includes what the tadpole eats: remainder of egg yoke in gut. |
| Description of Tadpole with Legs Stage | None of the criteria are met. | One criterion is met. | Two criteria are met | All three criteria are met | Description includes physical features of the tadpole with legs: small legs, tail, and gills.  Description includes where the tadpole with legs lives: in the water.  Description includes what the tadpole with legs eats: insects and plants. |
| Description of Froglet Stage | None of the criteria are met. | One criterion is met. | Two criteria are met | All three criteria are met | Description includes physical features of the froglet: legs, short tail, and lungs.  Description includes where the froglet lives: in the water.  Description includes what the froglet eats: insects and plants |
| Description of Frog Stage | None of the criteria are met. | One criterion is met. | Two criteria are met | All three criteria are met | Description includes physical features of the frog: legs and lungs.  Description includes where the frog lives: on the land.  Description includes what the frog eats: insects and plants |
|  | **0** | **1** | **2** | **3** | **Criteria** |
| Information on Pond Habitats | None of the criteria are met. | One, two, or three criteria are met. | Four or five criteria are met. | All six criteria are met. | Includes a picture of a pond habitat.  Includes at least one:  plant found in the pond.  plant found around the pond.  other animal found in the pond.  other animal found around the pond.  Includes at least one predator that preys on frogs at any stage, labeled as “predator”. |
| Venn Diagram | None of the criteria are met. | One criterion is met. | Two criteria are met. | All three criteria are met. | Includes at least two similarities between frogs and tadpoles OR between the life cycle of a frog and the life cycle of another animal.  Includes at least two sets of differences between frogs and tadpoles OR between the life cycle of a frog and the life cycle of another animal. (each set is worth one point) |
| Definitions | None of the criteria are met. | One criterion is met. | Two criteria are met. | All three criteria are met. | “Amphibian” is defined as “any organism that is able to live both on land and in water”.  “Cycle” is defined as “a series of events or operations that happen again and again regularly and usually lead back to the starting point”.  “Metamorphosis” is defined as “the process of basic and usually rather sudden change in the form and habits of some animals during transformation from an immature stage (as a tadpole or a caterpillar) to an adult stage (as a frog or a butterfly)”. |
| Physical Appearance | None of the criteria are met. | One or two criteria are met. | Three or four criteria are met. | All five criteria are met. | The poster contains the students’ names.  The poster contains a title.  The poster is neat in appearance.  The information on the poster is well-organized.  The poster is colorful. |

**TOTAL: \_\_\_/30**

27-30 Satisfactory

24-26 Very Good

21-23 Good

18-20 Acceptable

0-17 Needs Improvement