

RUBRIC

SC.2.1.1. Scientific Inquiry. I can make predictions based on observations.

TASK: Compare and contrast through video and real life observations how wild guppies in their natural habitat and guppies in the class fish tank are able to meet their needs (food, water, shelter, air). Make a prediction based on observation on what more the class guppies may need to be more successful in their habitat.

| ME | MP | DP | WB |
|---|--|--|---|
| Able to compare and contrast guppy habitats from detailed observations. Makes logical prediction based on inferences from observations. | Able to compare and contrast guppy habitats from observations. Makes prediction based on observations. | With assistance, able to compare and contrast guppy habitats from some observations. Makes prediction partially based on observations. | Unable to compare and contrast guppy habitats from observations. Makes inaccurate predictions or makes predictions not based on observations. |

Name: _____ Group names: _____

AMAZING GUPPIES AND THEIR HABITAT

1. Draw a picture of guppies in their natural habitat and a picture of guppies in the class fish tank. Include what you observe to be in each of their habitats.

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2. How are the 2 habitats different? Describe using details from your observations.

3. How are the 2 habitats similar? Describe using details from your observations.

4. What things are in the wild guppy habitat that help them meet their needs for survival?

5. What things are in the class fish tank that help our guppies meet their needs for survival?

6. What could be added to the class fish tank to make it more like a natural habitat for our guppies and improve their ability to survive?

NAME: _____

GROUP NAMES: _____

Directions: As a group, watch videos on guppies in their natural habitat. (<https://www.youtube.com/watch?v=bGCoB5Ym-Ls>) and (<https://www.youtube.com/watch?v=Ev0A8DgNSVY>). Put your observations on the Venn diagram of how their needs are being met. Then observe the guppies in the class fish tank. Put on the Venn diagram your observations of how their needs are being met. What is different and similar between the 2 habitats?

Name: _____ Date: _____ Class Period: _____

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NAME: _____

Complete the boxes with drawings and captions to describe the habitat of the class guppies

DIAGRAM OF ORGANISM WITH LABELS OF BODY PARTS

DIET (FOOD) with captions

SHELTER (draw all items in habitat – living & nonliving)

How do guppies get air to breathe? Explain and draw evidence from your observations.
