

Name: _____

Date: _____

Lab: Investigating Reproductive Strategies

Purpose

To investigate internal and external reproduction and to identify advantages and disadvantages of each

Pre-Lab Questions

1. My assigned animal is: _____
2. Type of fertilization: internal external
3. Type of development: internal external
4. How will I make sure my developing baby stays safe and warm?

5. How will I make sure I am safe and fed while I take care of my baby?

Hypothesis

Do you think your baby will be born, or will it dies before that happens? Explain why or why not!

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Post-Lab Questions

1. Were you able to care for your young until they hatched/were born? Why or why not?
2. Did you have any trouble gathering food? Why or why not?
3. Were you able to protect yourself and your offspring?
4. What are at least two advantages and two disadvantages of your kind of development? Explain!
5. What are at least two advantages and two disadvantages of your kind of fertilization? Explain!
6. What kind of development keeps the growing young the safest?

| Criteria | Great (5) | Good (4) | Average (3) | Poor (2) | Missing (0) |
|--|-----------|----------|-------------|----------|-------------|
| Pre-lab questions and hypothesis are answered correctly and completely, using logic and insightful thinking. | | | | | |
| Lab was performed accurately. All students in lab group demonstrated a good amount of effort. | | | | | |
| Discussion questions are answered using scientific language and are accurate, detailed and insightful. | | | | | |

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