

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Science 9: Reproductive Strategies

### Background

There are a few ways to categorize how organisms reproduce to make offspring.

- The **type of reproduction** can be **asexual** (without sex, one parent) or **sexual** (fertilization caused by two *gametes* coming together). There are several types of asexual reproduction, including binary fission, budding, grafting, fragmentation, spores, parthenogenesis and vegetative propagation. Sexual reproduction generally has two parents, but can be done with one parent if the species is a *hermaphrodite* (produces both male and female gametes).
- The **type of fertilization** refers only to sexual reproduction. It can be **external** (outside the body) where unfertilized eggs are laid by a female, and then fertilized separately by a male of the same species. It can also be **internal** (inside the body), where the two gametes unite inside the female's body.
- The **type of birth** refers to species that reproduce through internal fertilization. It can be in a **fertilized egg** or **live birth**.

### Instructions

Fill in the chart for four different organisms from the reproductive strategies sheets. Only fill in the boxes that apply to the organism!

Organism Name				
Kingdom				
Type of Reproduction (asexual or sexual)				
Type of Asexual Reproduction				
Type of Fertilization (external or internal)				
Type of Birth (egg or live)				
Interesting facts about how this animal reproduces				