



Next Generation Science Standards

Lesson: [Fish Life Cycle](#)

Activity: [Diagraming the Fish Life Cycle](#)

Prior Knowledge Should Include:

- Reproduction is essential to every kind of organism. Organisms have unique and diverse life cycles.
- Young organisms are very much, but not exactly, like their parents and also resemble other organisms of the same kind.

Performance Expectations:

- 3-LS1.1 From Molecules to Organisms: Structures and Processes. Develop models to describe that organisms have unique and diverse life cycles, but all have birth, growth, reproduction and death in common.

Disciplinary Core Ideas:

- **LS1.B Growth and Development of Organisms:** Reproduction is essential to the continued existence of every kind of organism. Plants and animal have unique and diverse life cycles. Genetic factors and local conditions affect the growth of organisms.

Practices:

- **Developing and Using Models** – Progresses to building and revising simple models and using models to represent events and design solutions (3rs grade).

Crosscutting Concepts:

- **Patterns:** Observed patterns of forms and events guide organization and classification, and they prompt questions about relationships and the factors that influence them.

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