



Birth Announcement

Introduction

In the book *In One Tidepool* by Anthony Fredericks, children are introduced to a variety of creatures that inhabit a single tidepool. In this activity, students will discover the differences and similarities between baby tidepool creatures and their parents.

Materials Needed

- ◆ Paper
- ◆ Pens & Art Supplies
- ◆ *In One Tidepool: Crabs Snails and Salty Tails*
- by Anthony Fredericks

Key Concepts

- ◆ Plants and animals have life cycles.
- ◆ A life cycle includes: birth development, adulthood, reproduction, and death.
- ◆ Offspring resemble parents.

For standards correlation please see our website.

Procedure

1. Invite each student to choose an animal from *In One Tidepool* to study.
2. Have students research how the offspring of their chosen animals are born and raised.
3. Invite students to draw a picture of their baby animal. Does the baby look like the parents? What features are the same? What features are different? What is the reason for this difference?
4. Encourage students to write a birth announcement modeled off one from a local newspaper for their baby animal.
5. Post the birth announcements and the baby animal picture on a classroom wall.

Nature Connections

- ◆ Before reading this book to students invite them to look at the cover of the book and guess what it is about. Ask students to predict the animals that might be found in a tidepool. What do they know about tidepool animals?
- ◆ Invite students to create a sequel to this book, such as one titled "Along the Shore: Critters, Creatures and Other Features." What other types of animals could the young girl discover - either in another tidepool or along the beach? Invite students to defend their selections.

Additional Resources

Fun Phytoplankton Facts!

- ◆ If you put five million phytoplankton together, they would form a greenish glob the size of a pea.
- ◆ Phytoplankton create their own food from sunlight.
- ◆ Long before trees or plants grew on Earth, the Earth's atmosphere was being formed from the oxygen created by phytoplankton.
- ◆ All the creatures of the sea depend on phytoplankton for their food.

