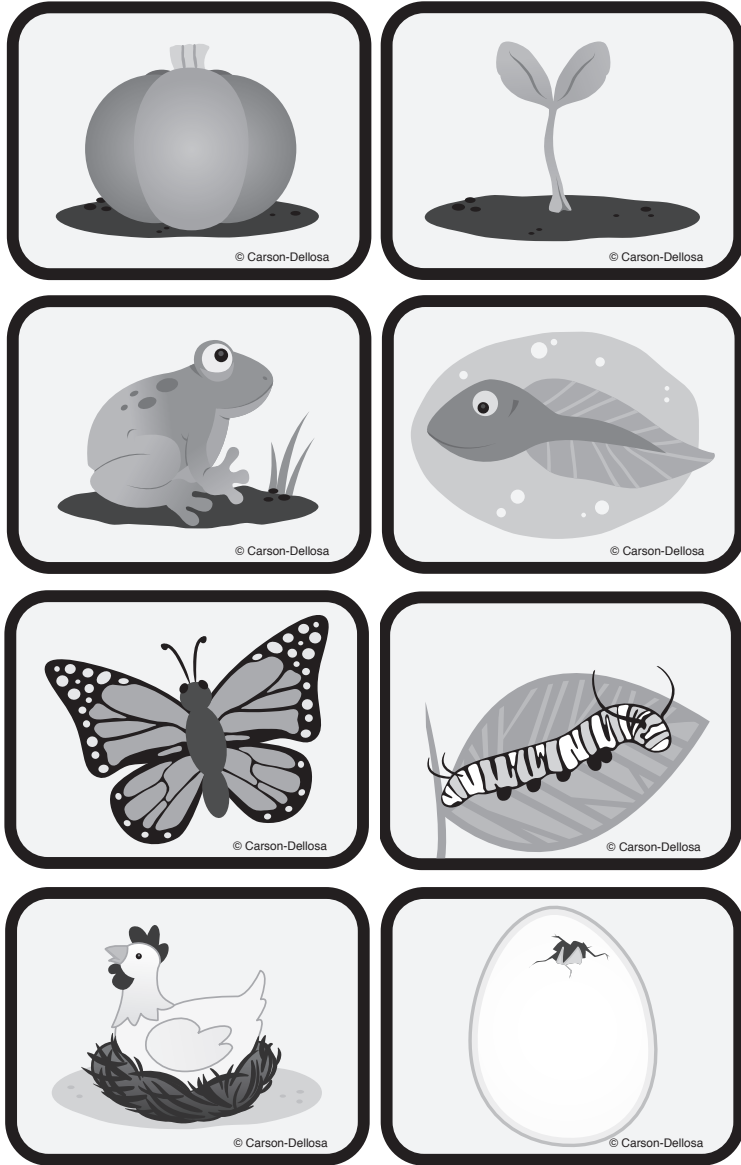


# Reproducible Patterns



## You-Nique Life Cycles

### MINI BULLETIN BOARD RESOURCE GUIDE



### Putting It Together

- Laminate the You-Nique Life Cycles Mini Bulletin Board for durability.
- The You-Nique Life Cycles Mini Bulletin Board can be displayed on a wall or bulletin board.
- Use the reproducible patterns [page 4] as additional instructional material for students.

### Title Ideas

- Life Cycle of a Frog
- Life Cycle of a Chicken
- Life Cycle of a Butterfly
- Life Cycle of a Pumpkin

## Activities

### Language Arts

**Venn Diagram** Use the You-Nique Life Cycles Mini Bulletin Board to encourage comparisons of different animals and their development. Have students choose two animal life cycles from the bulletin board to compare and contrast. Students should draw a Venn diagram. Label each circle with the name of an animal. On the outer part of each circle, write facts that are specific to that animal. On the intersecting part, write facts that describe both animals. Have students reference the bulletin board display to help them determine similarities and differences between animal life cycles.

**Big Books** Assign each of four groups of students a life cycle to research. Have each group write text describing each stage in the life cycle. Allow students to glue the text to large sheets of paper, leaving space for illustrations. After the pages are illustrated, combine them to make big books. Assemble the life cycles charts and use them as covers for the books.

**Life Stories** Allow each student to choose an animal or the pumpkin plant from the You-Nique Life Cycles Mini Bulletin Board. Have students write stories from the point of view of the animal or plant, describing what it is like to go through each change in its life cycle. Then, have students illustrate their stories and post them on or around the You-Nique Life Cycles Bulletin Board.

### Math

**Graphing** Use the You-Nique Life Cycles Mini Bulletin Board to graph students' favorite insect, amphibian, or bird. Write *frog*, *chicken*, and *butterfly* across the bottom of a sheet of chart paper. Make several copies of the animal patterns [page 4] and place them in a basket. Have each student choose her favorite animal and place her pattern above the corresponding animal. Discuss the data. Display the graph on or near the You-Nique Life Cycles Mini Bulletin Board.

### Science

**Stage Names** Use the You-Nique Life Cycles Mini Bulletin Board to help students identify the stages of development. Post each of the life cycle charts. Place the stage name accents on or near the bulletin board. Have students take turns labeling the stages of development by attaching the cards beside the appropriate pictures.

## Activities

**Real Life Cycles** Give students the opportunity to view each life cycle firsthand by obtaining observation kits. Contact an educational science company for information about frog, butterfly, and chick life cycle kits. Set up and care for the animals according to the instructions. Have students keep journals to record dates and observations about each stage of development. Encourage students to compare what they observe to what is illustrated on the bulletin board.

**Life Challenges** On sentence strips, write questions about life cycles, such as *What is a chrysalis?* or *What animal does a tadpole grow into?* Display the questions on a bulletin board or in a pocket chart. At the end of each day, review the questions with students. Encourage students to reference the You-Nique Life Cycles Mini Bulletin Board for answers to the questions.

**Other Life Cycles** Explain that frogs are amphibians, chickens are birds, and butterflies are insects. Challenge students to name other animals in each group. Provide reference books and have students write and illustrate the life cycles of other amphibians, birds, and insects. Create headings for each group and post the pictures and the appropriate chart from the You-Nique Life Cycles Mini Bulletin Board for each group.

**What's the Definition?** On sentence strips, write phrases that describe the different life cycles. Leave blank spaces for key words. Post the sentences beside the You-Nique Life Cycles Bulletin Board. Write the missing key words on sections of sentence strips and place them in a resealable bag on or near the bulletin board. Have students find the missing words in the bag and attach the words onto the correct sentences. Have students use the You-Nique Life Cycles Mini Bulletin Board to check their answers.

**Life Cycle Match-Up** Use copies of the patterns [page 4] in a science center as a matching game. Have students place the patterns facedown. Students should take turns turning over two cards at a time to find matches between the beginning of the animal or pumpkin life cycles and the end of the life cycles.