

## Pre-AP Succession Puzzles

### Teacher Page

**Purpose:** In this activity, students will arrange a series of pictures depicting both primary and secondary succession in the correct order, for each type. Then, they will compare and contrast and explain both primary and secondary succession.

**Materials:**

Succession pictures (2 sets photocopied for each student)

Construction paper (1 sheet per student)

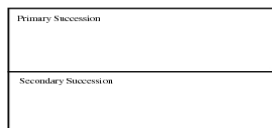
Scissors

Glue

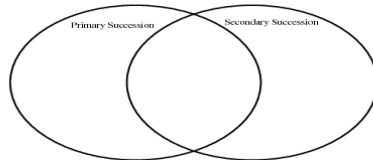
Marker or pen

**Procedure:**

1. Have students read about primary succession and secondary succession in the textbook.
2. Discuss the similarities and differences in primary and secondary succession.
3. If possible, show the PowerPoint presentation on the succession of Mt. St. Helens.
4. Hand out the succession pictures (one sheet for primary and one sheet for secondary per student).
5. Instruct students to fold the construction paper in half, lengthwise.
6. Have students label the top half, Primary Succession and the bottom half, Secondary Succession.



7. Next, allow students to cut out their pictures and glue them side by side in the correct order on their construction paper (making sure to get the correct pictures in the correct half). They will form a “timeline.”
8. Instruct students to label what is happening beneath each picture.
9. On the back of the construction paper, have students draw a Venn diagram and compare and contrast primary and secondary succession. Put the format on the board. See example below:



10. Finally, under the Venn diagram or on a separate sheet of paper, students will write a paragraph explaining why succession is an important process in maintaining Earth's equilibrium.