

Ecosystem Relationships

Raptor Migration 4-Square Files

For UNC-Science Feature **Raptor Migration**

Have students create a 4-square model for the essential vocabulary terms. Students divide their paper into four quadrants. The steps for a 4-square model are as follows:

1. Students start with only the term and a picture, which is drawn, in the lower left quadrant. (See provided file "Raptor Migration Video 4-Square Vocabulary Picture File"). The vocabulary terms they will be defining and describing are:
 - Biotic
 - Abiotic
 - Ecosystem
 - Population
 - Competition
 - Symbiosis
2. Students will look at each vocabulary term and the picture provided with it, and then brainstorm a list of words/terms that describe or are associated with the word.
3. Students will write their own definition for the term using the words in the first box and the picture. This goes in the upper right quadrant.
4. Students will use all the information about the vocabulary term to write a context clue sentence using the term. This goes in the lower right quadrant.

A completed 4-square model for the essential vocabulary terms is provided in the file "Raptor Migration Video Completed 4-Square Vocabulary File". This can be shown to students after they attempt the vocabulary model to aid in a class explanation of the terms.