**Symbiosis Mix and Match Activity**

1. Choose two imaginary creatures and at least one of the listed needs on the worksheet. You should invent the details describing which creature has the need and how it is met by a symbiotic relationship.
2. Designate which of the three types of symbiosis each relationship represents. In order to create each relationship, you must get creative and make up details about the niche of each imaginary creature. For example, you might choose to make a symbiotic relationship between a Majooka and Coblatty by saying that the Majooka needs a warm moist place to live and the Coblatty needs its eyes to be cleaned. Therefore, the Majooka lives inside of the Coblatty’s eyes and cleans them.
3. Choose one more pair of creatures and need(s). This pair should represent another type of symbiosis.
4. Illustrate your relationships on the white pieces of paper. You can get creative depicting the creatures since you have only names and your own fabricated information to rely on. Other students and the teacher should be able to guess the type of symbiosis and the relationship based on your illustration.

**Extension and follow-up**

1. What would you **guess** is the meaning of ectosymbiosis vs. endosymbiosis?
2. The term co-evolution refers to the idea that two species exert pressures on the other over many generations and thus drive change over time in each others’ population. Describe how symbiosis can drive the joint change over time that two species undergo. Can you think of any specific examples?