



## Student Guide

### *Manduca* Neural Systems Puzzle

The images below show the developmental changes in the neural system of the tobacco hornworm, *Manduca sexta*. On the far left, diagram A shows the last larval stage several days before the pupal stage begins. On the far right, diagram E shows the moth (adult) stage.

Your task is to cut out each of the diagrams and put them in order to show the changes that occur starting with the larva, through early and later pupal stages, resulting in the adult moth.

