MCj03379620000[1]MCj03379620000[1]

**Directions:**  Cut out approximately a dozen moths. Use a variety of colors. (Sticky notes can work well for this-you only need 4-5 colors.) Be sure to include several from a local newspaper as well. Trace the picture below to create a template for the moths. Scatter the moths around a double-page spread of the newspaper. You should try placing them upside-down, side-ways, etc. Carefully glue the moths to the ads with a glue stick. If you plan carefully you can put fewer of the more visible colors and more of the newspaper moths.

MCj03379620000[1]MCj03379620000[1]When the newspaper is held against a chalkboard or chart stand, the moths are fairly well camouflaged. As soon as, you hold the page up in front of a window or place it in front of a strong backlight the missing moths will be *very* clearly visible.

Questioning Students:

MCj03379620000[1]Which color moth was easiest for you to identify, why?

Which color is hardest to identify, why?

MCj03379620000[1]Which color moths would predators most likely eat more of?

MCj03379620000[1]If you were a moth which of these colors would you want to be? Explain

MCj03379620000[1]MCj03379620000[1]How can this type of adaptation help an organism survive in its habitat? Give another example of an animal with this type of adaptation.

Explain the purpose of this adaptation.