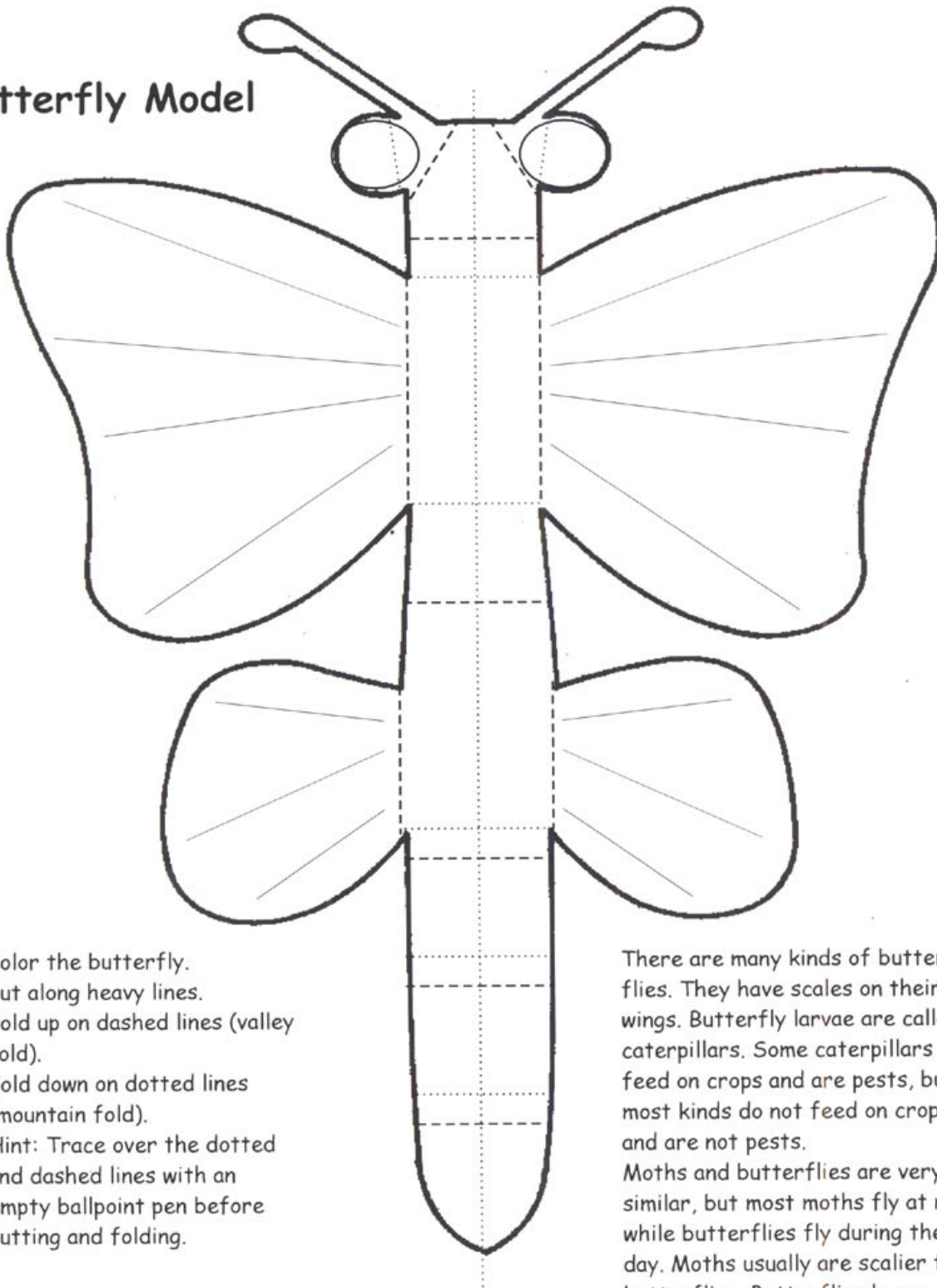


Butterfly Model



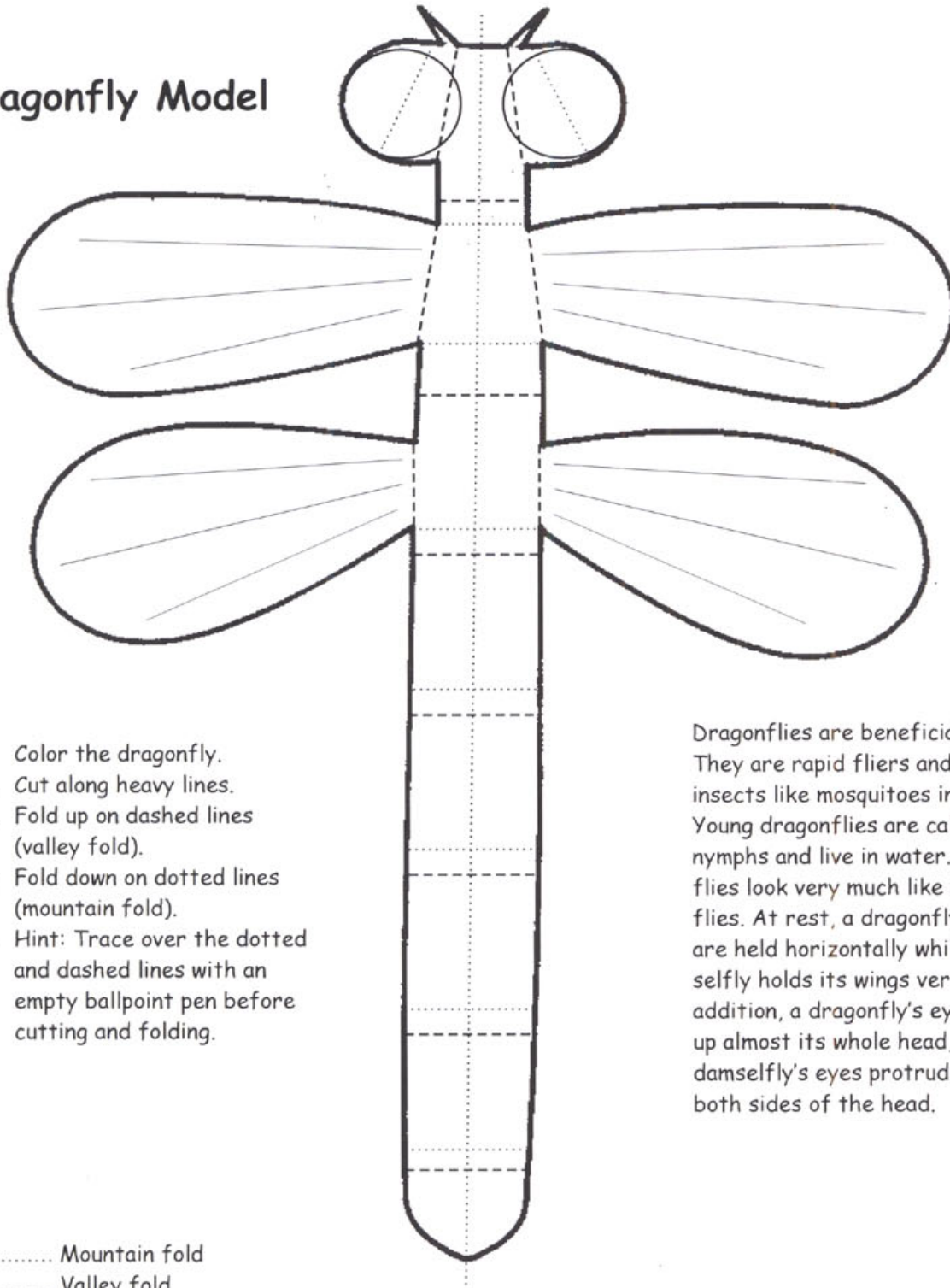
1. Color the butterfly.
2. Cut along heavy lines.
3. Fold up on dashed lines (valley fold).
4. Fold down on dotted lines (mountain fold).
5. Hint: Trace over the dotted and dashed lines with an empty ballpoint pen before cutting and folding.

There are many kinds of butterflies. They have scales on their wings. Butterfly larvae are called caterpillars. Some caterpillars feed on crops and are pests, but most kinds do not feed on crops and are not pests.

Moths and butterflies are very similar, but most moths fly at night while butterflies fly during the day. Moths usually are scallier than butterflies. Butterflies have a knob at the end of their antennae while moths do not.

..... Mountain fold
 ----- Valley fold

Dragonfly Model

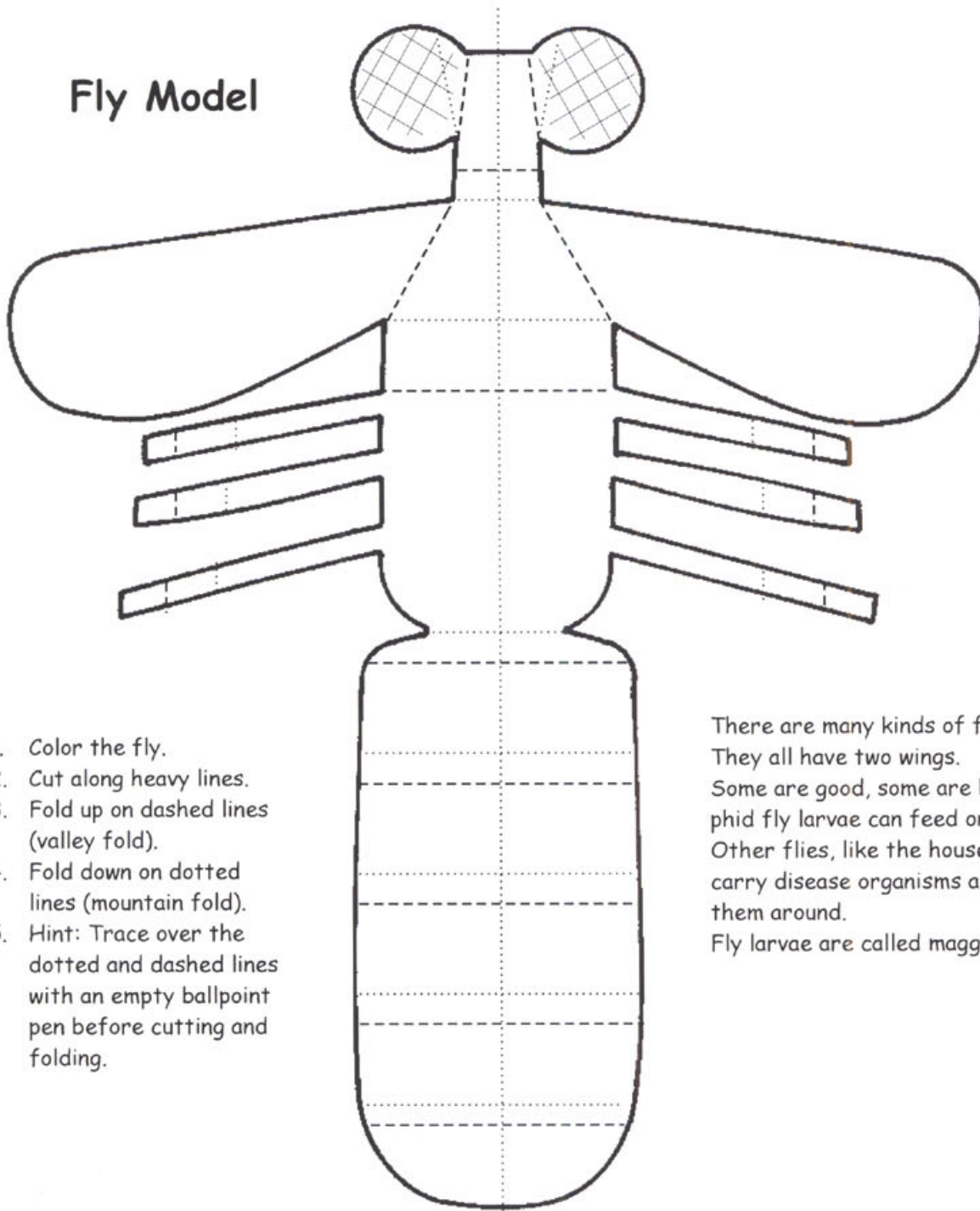


1. Color the dragonfly.
2. Cut along heavy lines.
3. Fold up on dashed lines (valley fold).
4. Fold down on dotted lines (mountain fold).
5. Hint: Trace over the dotted and dashed lines with an empty ballpoint pen before cutting and folding.

Dragonflies are beneficial insects. They are rapid fliers and can catch insects like mosquitoes in flight. Young dragonflies are called nymphs and live in water. Damselflies look very much like dragonflies. At rest, a dragonfly's wings are held horizontally while a damselfly holds its wings vertically. In addition, a dragonfly's eyes make up almost its whole head, while a damselfly's eyes protrude out from both sides of the head.

..... Mountain fold
----- Valley fold

Fly Model

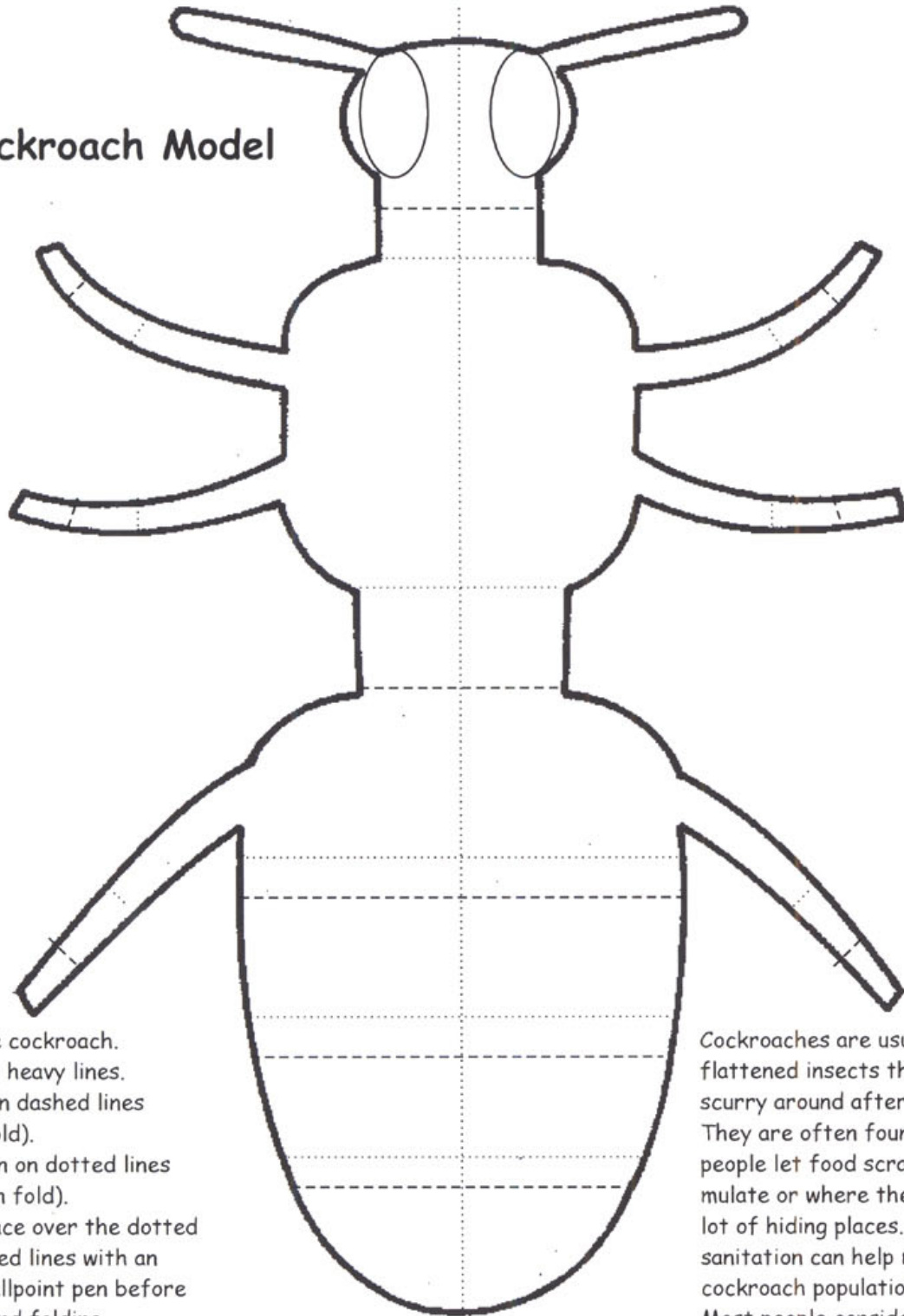


1. Color the fly.
2. Cut along heavy lines.
3. Fold up on dashed lines (valley fold).
4. Fold down on dotted lines (mountain fold).
5. Hint: Trace over the dotted and dashed lines with an empty ballpoint pen before cutting and folding.

There are many kinds of flies. They all have two wings. Some are good, some are bad. Syrphid fly larvae can feed on aphids. Other flies, like the house fly can carry disease organisms and spread them around. Fly larvae are called maggots.

..... Mountain fold
 ----- Valley fold

Cockroach Model



1. Color the cockroach.
2. Cut along heavy lines.
3. Fold up on dashed lines (valley fold).
4. Fold down on dotted lines (mountain fold).
5. Hint: Trace over the dotted and dashed lines with an empty ballpoint pen before cutting and folding.

..... Mountain fold
----- Valley fold

Designed by J. Kenneth Long, Jr.
PA IPM Program Assistant
(717) 772-5227

Cockroaches are usually flattened insects that scurry around after dark. They are often found where people let food scraps accumulate or where there are a lot of hiding places. Good sanitation can help manage cockroach populations. Most people consider cockroaches to be pests since some can carry disease organisms and some can cause allergies in people.