

Activity A

Group size is suggested to be seven students or less per group.

Having parent volunteers or teaching aides may be helpful in the small group setting.

Each activity is designed to take approximately ten minutes so students can rotate through each activity.

Mosquito Hotspots

a. Directions:

Using copied drawings or photos of a yard containing natural and man-made containers, students use markers to circle the sources of standing water.

Discussion can include which sources should be drained, how often, and if there is anything they can do to prevent water from collecting (i.e. pouring out buckets; changing the water in bird baths weekly; etc.).

Northwest Mosquito Abatement District's backyard mosquito production image is recommended for use but any backyard image with natural and man-made containers will work.¹

If you are interested in reusing materials, you can laminate drawings or photos and use dry erase markers to circle the sources of standing water.

b. Supplies:

Copies of drawings photos, markers (or for those interested in reusing materials: laminated photos, dry erase markers and dry eraser/paper towels)

c. Learning Objectives:

- ✓ Identification of mosquito habitats
- ✓ Demonstrate personal protection methods
- ✓ Knowledge of mosquito biology and ecology

d. Estimated time: 10 minutes

¹ Northwest Mosquito Abatement District. *Mosquito Production Sites* [Graphic]. Retrieved from: <http://www.nwmadil.com/Backyard%20Breeding%20Source%20Illustr.pdf>.

Activity B

Group size is suggested to be seven students or less per group.

Having parent volunteers or teaching aides may be helpful in the small group setting.

Each activity is designed to take approximately ten minutes so students can rotate through each activity.

Mosquito BINGO

a. Directions:

Each student will be given a mosquito bingo card and paper markers to cover the squares. The facilitator will draw a card from the image deck that corresponds to one of the images on the bingo cards and read a hint. Students can guess what image might correspond to the hint and the facilitator will then show the students the image. If the image is on a student's bingo card, the student covers that square with one of the markers.

The first student to cover 5 squares either across, diagonally, or down, calls out "Bingo!" and wins!

b. Supplies:

Bingo cards, markers, image deck, hint list (all supplies can be found in *Attachments*.)

c. Learning Objectives:

- ✓ Identification of mosquito habitats
- ✓ Demonstrate personal protection methods
- ✓ Knowledge of mosquito biology and ecology

d. Estimated time: 10 minutes

Activity C

Group size is suggested to be seven students or less per group.

Having parent volunteers or teaching aides may be helpful in the small group setting.

Each activity is designed to take approximately ten minutes so students can rotate through each activity.

Fight the Bite Mosquito Jeopardy

Instructors can also use content from the Fight the Bite PowerPoint game to create their own Jeopardy game.

a. Directions:

Using the Fight the Bite! PowerPoint game, break into teams and use the Jeopardy game as review of materials learned in the presentation. When you start the PowerPoint, your title screen will appear. Click the mouse and you will be taken to the table of clues. Whoever you determined gets to start first will then pick their first category and value.

Read the question out loud. Once you finish reading, allow your contestants to buzz in (or raise their hands). The first one to buzz in will have a chance to answer. If the answer is wrong, wait for another contestant to buzz. If the answer is correct, that contestant gets the points and can choose the next clue.

If a contestant gets an answer wrong, they will lose the amount of points that clue was worth. In the television version, contestants can have negative points (you do not have to follow this rule).

Once the entire table has been answered, click the Final Jeopardy link at the bottom of the table to continue to the final round.

In Final Jeopardy, give everyone a chance to write the amount they would like to wager. Once all of the wagers are written, click the screen and show the question.

Once everyone has come up with an answer, go down the line and ask each contestant to share their answers and wagers. Add or subtract points from their score and find out who the winner is.

b. Supplies:

Fight the Bite Mosquito Jeopardy PowerPoint, computer, projector (optional if space allows), a pen and piece of paper to keep score, and a buzzer for each of the contestants (any item that they can use as a buzzer to answer the question, like a bell, or you can have them raise their hands).

c. Learning Objectives:

- ✓ Knowledge of mosquito biology and ecology
- ✓ Identification of mosquito habitats
- ✓ Knowledge of diseases mosquitoes can carry and symptoms of the diseases

d. Estimated time: 10 minutes