

Maine CDC Tick and Mosquito-Borne Disease Curriculum Pre & Posttest Instructions

Purpose: Maine CDC continually evaluates and revises the tick and mosquito curriculum materials to ensure that they are effective in teaching and reinforcing learning objectives. The Pre/Posttests included here helps Maine CDC to evaluate how well students understand the core concepts and reach learning objectives so that future improvements can be made.

Instructions: You can complete the Pre/Posttests either in paper format or through Kahoot!, an interactive online-based trivia game.

Print Version

1. Print off the Pre and Posttest for the appropriate part of the curriculum (tick or mosquito) from below. You may want to print the tick Pre and Posttest in color, as there are images included in the test.
2. Using the form labeled “Pretest,” have the students complete the short multiple-choice test prior to giving the curriculum presentation and any activities. The students do not need to put their names on the tests.
3. **Two weeks** after completion of the curriculum presentation and activities, have the students complete the short multiple-choice Posttest.
4. Return the tests to Maine CDC. You can either scan and email the tests to megan.porter@maine.gov or mail to:
Infectious Disease Epidemiology
Maine CDC
286 Water St., 6th floor
Augusta, ME 04333-0011

Kahoot! Version

1. Follow the same timeline as above. Administer the Pretest prior to presenting the presentation and activities. Administer the Posttest two weeks after completing the presentation and activities.
2. Log into your Kahoot! account.
 - a. You will need to have an account in order to view and send the report. create an account, visit www.kahoot.com. In the top right corner, click “Sign up.” Choose “Teacher,” then “School” on the next screen and enter your email and password when prompted. The next screen will prompt you to choose a plan. A free/basic teacher account allows you to have at least 100 players at a time.
 - b. If you are interested in low-cost plan options visit <https://kahoot.com/schools/plans/>.
3. Once you are logged into your account, click on the Kahoot! link below for the desired Pre or Posttest.
 - a. Tick Pretest: <https://create.kahoot.it/share/pre-test-maine-cdc-tick-school-curriculum/5639d355-f391-4627-be84-0283381ae440>
 - b. Tick Posttest: <https://create.kahoot.it/share/post-test-maine-cdc-tick-school-curriculum/636eda32-3e8c-4ab0-be41-13f38b5128b1>

- c. Mosquito Pretest: <https://create.kahoot.it/share/pre-test-maine-cdc-mosquito-school-curriculum/a81345f2-6ffa-4517-ac34-6a0c43792d47>
 - d. Mosquito Posttest: <https://create.kahoot.it/share/post-test-maine-cdc-mosquito-school-curriculum/f3fda991-282b-4018-8c6d-798375ebd374>
4. Select “Play.”
 5. In the pop-up box that asks how you would like to play the game, choose “Present” to play the game live with your students.
 6. Under “Game Options,” toggle “Randomize Order of Questions” and “Randomize Order of Answers” on.
 7. Toggle on “Friendly Nickname Generator” if you would like to have a random nickname assigned to students. The results in the report at the end will be anonymous. If you would like to know what answers each student gave in the report, leave this toggle off and have students use their own names.
 8. Choose “Classic” at the top of the page to begin the game. The students will need to see your screen to read the question, which they will answer on their individual devices.
 9. Have your students navigate to www.kahoot.it on their individual devices.
 10. A game PIN will appear on your screen. Have the students put this PIN in as prompted at www.kahoot.it. Each student should either enter their name or spin the nickname generator wheel and click “join.”
 11. As students join, their names will pop up on your screen. Once all students have joined, press “Play” and the test will begin. The question and answer choices will appear on your screen. Each answer is accompanied by a color and shape, which will appear on the students’ devices. Each question is timed so that students have a limited amount of time to respond.
 12. Continue to hit “Next” to navigate through the questions. During the Posttests, a scoreboard will pop up after each question. You can hit “Skip” to navigate to the next question quicker.
 13. Once you have finished the last question, you can close the Kahoot! window whenever you are ready. After the Posttests, the program will highlight the top three scorers and the game is over.
 14. When you are ready to download and send the test results, log into your Kahoot! account. Under the Reports tab, click the three vertical dots to the far right of each test. Select “Download Report.”
 - a. Save each report to your computer and then attach to an email. Email the downloaded files to megan.porter@gmail.com.

All (29)				Live games (22)	Challenges (7)	Player Identifier (5)
<input type="checkbox"/> Name	Date	Game mode	No. of players			
<input type="checkbox"/> Pre Test - Maine CDC Tick School Curriculum	Mar 24 2021, 2:56 pm	Live	1			
<input type="checkbox"/> Post Test - Maine CDC Tick School Curriculum	Finished Mar 18 2021, 1:41 pm	Live	12			
<input type="checkbox"/> Post test - Maine CDC Mosquito School Curriculum	Finished Mar 18 2021, 1:33 pm	Live		<div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Open report </div>		
<input type="checkbox"/> Mosquito Trivia Face Off	Mar 4 2021, 2:34 pm	Live		<div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Play again </div>		
<input type="checkbox"/> Mosquito Trivia Face Off	Finished Mar 1 2021, 4:27 pm	Live		<div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Download report </div>		
<input type="checkbox"/> Mosquito Trivia Face Off	Finished Feb 24 2021, 11:45 am	Live		<div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Rename </div>		

Maine CDC Mosquito School Curriculum – Fight the Bite! Quiz

Pre-Test

1. Which germs can mosquitoes carry?
 - a. Lyme disease and Powassan
 - b. West Nile virus (WNV) and Eastern Equine Encephalitis (EEE) virus
 - c. Chicken Pox
 - d. Rabies
2. When are mosquitoes in Maine most active?
 - a. Monday
 - b. Midday
 - c. Early morning and early evening
 - d. 24 hours day
3. What is the most common breeding ground for mosquitoes around your home?
 - a. In your bedroom
 - b. In an old, unmounted tire
 - c. Around a bird's nest
 - d. On the porch
4. Which of the following is NOT a good way to prevent a mosquito from biting you?
 - a. Using repellent on skin and clothes
 - b. Emptying buckets and flowerpots that hold water in the yard
 - c. Wearing long pants and long-sleeved shirts outside
 - d. Wearing flip-flops and shorts
5. Which of the following is a symptom of West Nile virus and Eastern Equine Encephalitis?
 - a. Bull's-eye rash
 - b. Red spots on skin
 - c. Headache and fever
 - d. Sore throat
6. What do mosquitoes need to complete their life cycle?
 - a. Sun
 - b. Humans
 - c. Trees
 - d. Water
7. Which of these is one of the 4 stages of the mosquito life cycle?
 - a. Pupa
 - b. Baby
 - c. Nymph
 - d. Drone
8. Which mosquitoes feed on blood?
 - a. Male
 - b. Female
 - c. Neither
 - d. Both male and female

Post-Test

1. Which germs can mosquitoes carry?
 - a. Lyme disease and Powassan
 - b. West Nile virus (WNV) and Eastern Equine Encephalitis (EEE) virus
 - c. Chicken Pox
 - d. Rabies
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Maine CDC Tick School Curriculum – No Ticks for ME! Quiz
Pre-Test

1. Where are we most likely to find a tick?
 - a. On shrubs or grass on the side of trails
 - b. In a pile of snow
 - c. In the sand box
 - d. In a cut lawn
2. How often should you do a tick check?
 - a. Daily
 - b. Every other day
 - c. Once a week
 - d. Never
3. Which type of tick can carry the bacteria that causes Lyme disease?
 - a. American Dog tick
 - b. Deer tick
4. What is the best way to remove a tick?
 - a. Burn it off
 - b. With a tick spoon or tweezers
 - c. I do not need to remove a tick
 - d. Squeeze it off with my fingers
5. How do ticks move?
 - a. Jump
 - b. Fly
 - c. Crawl
 - d. Dance
6. Which of the following is NOT a symptom of Lyme disease?
 - a. Bull's-eye rash
 - b. Chills, fever, and headache
 - c. Sore muscles
 - d. Dry skin
7. How can you protect yourself from ticks?
 - a. Wear long pants and tuck them into your socks
 - b. Perform daily tick checks
 - c. Wear EPA-approved repellent
 - d. All of these
8. Which of these is a deer tick?



Maine CDC Tick School Curriculum – No Ticks for ME! Quiz
Post-Test

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