Script from the 2019 MCAS CBT TAM
for the High School Biology and
Introductory Physics Field Tests
Part X

Administering the High School Biology or Introductory Physics Field Test Session
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**Note:** Use the PBT TAM for administering the operational paper-based high school STE tests in Biology, Chemistry, Introductory Physics, and Technology/Engineering.

### Materials Needed for the Field Test Session

1. You will need the following materials available in your testing space prior to testing:
   - “Do Not Disturb” sign
   - testing devices for students
   - a computer for managing the test session
   - printed copies of authorized bilingual word-to-word dictionaries for current and former EL students

2. Prior to testing, you will receive the following materials for students assigned to you:
   - this manual
   - student testing tickets
   - scratch paper (blank, lined, or graph) to distribute to students
   - pens or pencils for use on scratch paper
   - for the Biology field test, five-function calculators for students who wish to use them (a calculator is also available in the student testing platform).
   - for the Introductory Physics field test, scientific calculators for students who wish to use them (a calculator is also available in the student testing platform).
   - printed reference sheets for Introductory Physics (strongly recommended)
   - optional: equation editor guides and symbol keys printed from mcas.pearsonsupport.com/student
   - proctor testing tickets, if administering the Human Read-Aloud or Human Signer accommodation
   - a form to assist you and your principal in tracking secure materials

**Additional Preparations for Computer-Based Testing**

- Ensure all devices to be used for testing are charged prior to each test session.
- Make sure sufficient power cords and power strips are available.
- Confirm that accessories, such as external keyboards for tablets and headphones for students using the text-to-speech edition, are available and in working order prior to testing.
- Be sure that all students’ testing devices have TestNav installed and configured.
Before Students Arrive

1. Make sure the testing space has been appropriately prepared (see page 26).
2. Post the “Do Not Disturb” sign on the outside of the door of the testing space.
3. On the test administrator device, log into PearsonAccess\textsuperscript{next} (mcas.pearsonaccessnext.com) and select MCAS Biology and Introductory Physics Field Tests. Go to Testing > Students in Sessions to view your PAN Session on the Students in Sessions page. You should review your roster which is found under the Resources dropdown and be prepared to administer any special forms (e.g., screen reader, text-to-speech) assigned to students.
   
   If your session isn’t listed on the page, click Add a Session, start typing the session name, select the session when you see it, and click Add Selected.
4. Verify that correct accommodated forms such as text-to-speech (TTS), screen reader (SR), and assistive technology (AT) are assigned to students, if applicable.
   
   If a student’s accommodations do not match the form assigned to a student (e.g., a student should be tested using text-to-speech, but the TTS form is not indicated), you can still update the students’ accommodations. See Appendix C for the steps to do so.
5. Start the PAN Session by following these steps.
   
   - Log into PearsonAccess\textsuperscript{next} and select MCAS Biology and Introductory Physics Field Tests.
   - Go to the Testing tab and click Students in Sessions. Select the Session Name from the Session List. The Session Details screen will appear. (If multiple PAN Sessions are selected, the option to Combine View and Start All Sessions will appear.)
   - Click on the green Start Session button (or Start All Sessions button) on the Session Details screen. You will then see that the Start Session button will change to read Stop Session.
6. Unlock the session by sliding the button to the unlocked position.
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**As Students Arrive**

1. Collect books from students who brought them to read in the event they finish their work before the end of the test session.

2. Approve any bilingual dictionaries brought by eligible EL students to use during the test session according to the guidelines in Appendix F. **All other dictionaries are prohibited during this session.**

3. Make sure that students do not have access to cell phones or other prohibited electronic devices during testing. These devices are **prohibited**, and the use of cell phones for any purpose will result in the invalidation of test results.

4. If students will be using tablets or laptops, distribute student testing devices and chargers.

5. Instruct students to open the TestNav application (this may be done by the test administrator or technology staff).

   If there are testing devices that do not have TestNav installed or if students’ devices are not working properly, contact your school’s technology staff for assistance before moving on to begin testing with these students.

   Students will need to choose the testing location if the field test is the first time that they are using TestNav for 2019 testing. Instruct them to choose **Massachusetts**. If this is done correctly, students will then see **Massachusetts** above the “Sign In” area. If something else appears on the screen, instruct students to click the button on the top right corner of the screen; then select **Choose a Different Customer**; and then select **Massachusetts**.

   If students are using iPads, TestNav may prompt the students to allow access to the device’s microphone. Instruct the students to click **OK** even though they will not be using the microphone during testing.

6. Say to the students:

   “**Before we begin testing, you need to know that cell phones, music players, e-book readers, or other electronic devices are not allowed for any reason during this session, even after you turn in your materials.**”

7. If your principal has instructed you to do so, read the following recommended script:

   “**If you have an electronic device with you, please make sure it is now turned off, put it in your backpack, and leave it by the side of the room. You will be able to access it again when I give you permission to do so.**”

   Pause to make sure that students have turned cell phones and other prohibited electronic devices off and have placed them in their backpacks.

   If your principal has directed you to follow a different procedure to ensure that students do not have cell phones or other prohibited electronic devices in their possession, do so at this time. **Schools are ultimately responsible for implementing procedures that ensure students do not possess cell phones or other prohibited devices during testing.**

8. Make sure that students’ desks are clear, except for their testing devices, pens or pencils, handheld calculators for students who wish to use one in addition to the one in TestNav, and authorized bilingual dictionaries for current and former EL students.
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D Administer the Session

To ensure that all students across the state have access to the same information and receive the same instructions, test administrators must read the following script verbatim to their students. At any time during the test session, you may repeat a portion of the script if necessary for clarification.

If your principal has instructed you to do so, you will need to turn to section E at appropriate points during this session to read recommended scripts for students going to a supervised lunch or going to the restroom.

1. Say to the students:
   “We are about to begin the MCAS field test in __________ [state the subject]. This is different from the paper-based MCAS science tests you have taken or will take this spring. This field test will not affect your MCAS scores in any way, although you should try your best to answer all the questions correctly.”

2. Then say to students:
   “I will now hand out scratch paper for you to use during this session. If at any point you need more, raise your hand and I will give you another sheet. You may have up to three sheets of scratch paper at one time. If you need more than three sheets, you will have to turn in some of your used scratch paper.”

   Distribute one sheet of blank scratch paper to each student.

3. Answer any questions that students may have. Then say:
   “You may not use any other notes or paper in addition to what I have just given you.
   I will now hand out the student testing tickets. Do not sign in until I tell you to do so.”

4. For students using the text-to-speech or screen reader accommodations, which require headphones, say:
   “Put on your headphones and make sure they’re plugged in. On your screen next to the ‘Sign In’ button, click the link that says ‘Test Audio.’ Make sure you can hear through your headphones and adjust the volume as needed.”

   Pause for students to adjust the volume in their headphones.

5. Distribute the student testing tickets. Make sure that you give each student his or her assigned student testing ticket.

   If you are administering a test using a proctor testing ticket, be sure to retain it for yourself and do not give it to the student – responses are only saved in tests accessed with student testing tickets, not proctor testing tickets.

6. Then say:
   “Look at your student testing ticket. Make sure it has your name on it. Raise your hand if you do not have the correct student testing ticket.”

7. Provide the correct student testing ticket to any student who has an incorrect ticket. If a student’s ticket needs to be printed out, you can find it on the Students in Sessions screen in PearsonAccess under the Resources dropdown.
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8. If your principal has instructed you to do so, say to the students:
   “Write down the ID number for the computer you are using on your testing ticket. You can find the ID number _____ (instruct students where to find the device ID number).”
Pause while students write down their device ID numbers.

9. Say to the students:
   “Now, on the computer, enter the username that is shown on your student testing ticket. Your username is actually a number that is 10 digits long.”
Assist any student who needs help entering his or her username.
Then say:
   “Now, on the computer, enter the password that is shown on your student testing ticket.”
Assist any student who needs help entering his or her password.
Then say:
   “Now, click the button that says ‘Sign In.’”
Walk around the room and make sure that all students have successfully signed in. Assist any students who did not successfully sign in. You may retype usernames and passwords for students, if necessary.

10. When all students have successfully signed in, say:
    “Find your name on the upper right corner of the screen. If the name you see is not yours, raise your hand.”

11. If any students raise their hands, sign them out of TestNav and check their testing tickets. Once these students are properly signed in, say:
    “Your computer screen should now be at the ‘Available Tests’ screen.”

12. Once all students’ testing devices are on the “Available Tests” screen, say:
    “Please keep your testing ticket with you and do not use it for scratch paper. I will need to collect it at the end of this test session.
    Click the blue button on the screen that says ‘Start.’ You should now see a screen that says ‘Welcome.’”
Pause to confirm that students are on the correct screen.

13. Once all students’ testing devices are at the “Welcome” screen, say:
    “Click the box in the middle of the screen that says ‘Start.’ You should now see a screen that says ‘Session 1’ at the top and states the number of questions below. If your screen does not say ‘Session 1,’ please raise your hand.”
Assist any students who raise their hands to get to the correct screen.

14. Then say to all students:
    “Follow along while I read the directions that are on your screen.”
Note that the script below reproduces the directions on the students’ computer screens. There is no need to read the directions from a computer screen.
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15. Then say:

“Read each question carefully and then answer it as well as you can.
If a question asks you to show or explain your work, you must do so to receive full credit. Enter your response in the box provided on your screen. Only responses entered in the box will be scored.
If you do not know the answer to a question, you may bookmark it and go on to the next question. When you are finished, you may review your answers and go back to any questions you bookmarked.”

16. Say to the students:

“This test session is scheduled to be ________ (state length of test session) long. If you have not finished answering the questions at the end of that time, you will be given more time to finish. At most, you will have until the end of the school day, as long as you are working productively.
If you finish answering the questions before the end of the test session, you should review your work for this session.”

Then say to students:

“You may use the MCAS ruler included in your computer-based test to help you answer questions at any time during this session.”

17. If you are administering the INTRODUCTORY PHYSICS FIELD TEST, also say:

“You also may use your reference sheet to help you answer questions at any time during this session.
These tools can be found by clicking the ‘Exhibits’ button on the right hand side of the screen.”

18. Then say:

“During the session, if you have a problem finding or using one of the tools on the computer screen, or difficulty using your computer, raise your hand. However, I will not be able to provide any assistance with the content of the test or help you answer the test questions.
Also, you may raise your hand if you would like me to read a word from the test to you. You will need to point to the word, and I will read it quietly to you and repeat it if necessary. But, I will not be able to tell you what the word means, or help you answer the question. Does everyone understand?”

Pause and answer any questions that students have.

19. If you are administering the INTRODUCTORY PHYSICS FIELD TEST, and if the students in your group will use printed reference sheets (strongly recommended), say:

“I will now hand out printed reference sheets for you to use, in addition to the one that is available in the Exhibits tab of your screen during the test.”
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20. Then say to the students:

“You may not use an English-language dictionary during this test. Also, cheating in any form is forbidden. This includes using notes or books, using electronic devices other than your testing device, looking at another student’s computer screen, showing another student your computer screen, or communicating with other students by talking or writing. You may not remove your scratch paper from the testing room and you may not access the Internet or use any application on your testing device other than the TestNav application that you are using right now.”

21. Then say to all students:

“Click the ‘Start’ button. You may now begin your test.”

Circulate among the students and verify that all have successfully started Session 1.

22. It is your responsibility to ensure a secure testing environment.

| Test security requirements are described in Part I, and other test administration protocols are described throughout this manual. |
| Circulate among the students while they take the test to see that they are working steadily, and are not using cell phones or other prohibited electronic devices. |

23. Monitor student testing status in the PAN Session. During testing, all students should be in an “Active” status. If a student has signed out or been kicked out of the test, he or she will be in “Exited” status and will need to be “Resumed” to continue testing. When students are in “Resumed” status, they can log back into the test and resume testing.

Clicking on a student’s status will show you how far the student has progressed through the test. Remember, however, that your primary responsibility is to focus your attention on the students rather than the computer.

24. When the time for the test session is half over, say to the students:

“The session time is half over. Remember to use the ‘Review’ button at the top of the screen to see which questions you’ve answered and skipped or that you bookmarked. Make sure that you do not skip any questions in this test session.”

25. Say to ANY STUDENT WHO FINISHES EARLY:

“I want to remind you that you were supposed to answer all the questions in this session. At the top of the screen, click ‘Review’ and make sure you have answered all of the questions. You should make sure that you have not skipped any questions. Remember, once you have submitted your answers, you will not be permitted to go back to this session.

Cell phones, music players, e-book readers, and other prohibited devices are still not allowed during the remainder of this session.”
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Permit students to check whether they have skipped any questions. Then assist students according to the instructions in step 28.

26. At the END OF THE SESSION, TO ANY STUDENTS STILL WORKING, say:

“This is the end of the time scheduled for this session. I want to remind you that you were supposed to answer all of the questions in this session. At the top of the screen, click ‘Review’ and make sure you have answered all of the questions. You should make sure that you have not skipped any questions. Remember, once you have submitted your answers, you will not be permitted to go back to this session.”

Pause to allow students to check whether they have skipped any questions.

27. Say to the students:

“If you need more time to answer any questions, raise your hand. Do not submit your final answers at this time.”

Note which students need more time. These students should not submit their final answers.

28. Then say to the students:

“If you have completed the test session, click the ‘Review’ button at the top of the screen, and then click ‘End of Section.’ Click the ‘Submit Final Answers’ button to submit your answers. On the popup screen, confirm you would like to submit by selecting, ‘Yes, Submit Final Answers.’ If you are not automatically signed out, sign out of the test by going to the User Dropdown Menu at the top right corner of the screen and click ‘Sign out of TestNav.’”

29. Circulate among the students to ensure all students have submitted their final answers in TestNav (with the exception of students who need more time). You are not permitted to check students’ work before they submit their tests.

30. Collect students’ testing tickets (if you did not collect them earlier) and scratch paper. Verify that you have a student testing ticket and scratch paper from each student. For students who need more time to finish, follow the instructions given by your principal. Students who completed testing will have a blue ‘Complete’ status in PearsonAccess. The Department recommends locking these students’ tests by clicking the arrow next to each student test in PAN and selecting “Lock,” or, if all students have completed testing, sliding the Session lock button to the locked position to lock all students’ tests.

31. If a student will be moving to a test completion room, the student’s testing device should be transported along with the testing ticket if possible. Be sure to inform your principal when completing tracking documents and returning test materials to your principal.

32. Group test materials into the following separate piles:

- student testing tickets
- proctor testing tickets, if applicable
- Introductory Physics reference sheets, if printed
- used scratch paper
- unused scratch paper

33. Complete appropriate tracking documents, as instructed by your principal.

34. Immediately return all test materials and the list of students to your principal.
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E Recommended Scripts to Read for a Supervised Lunch or Restroom Break

1. For students who will be escorted to a SUPERVISED LUNCH, if your principal has instructed you to do so, read the following recommended script to students:

   “It is now time for lunch. You will be able to continue testing after lunch, and you will have until the end of the school day to finish your work, as long as you are working productively.

   You will be going to _________ (location) after your supervised lunch to finish testing, and your test materials will be brought there for you. Your cell phone or other electronic devices must remain off during lunch, and you may not access them until the test administrator gives you permission to do so. Also, you may not discuss the test during your lunch break.”

   If your principal has directed you to follow a different procedure to ensure that students have a supervised lunch and security is maintained, do so at this time.

   The Department recommends locking the student’s test by clicking the arrow next to the student’s test status and selecting “Lock.”

   To unlock a student’s test when the student has returned, click the arrow next to the student’s test status and select “Unlock.”

   Be sure to complete appropriate tracking documents and follow your principal’s instructions for maintaining the security of test materials for these students.

2. For students who ask to use the RESTROOM during the test session, if your principal has instructed you to do so, read or point to this recommended script:

   “You may not retrieve or access your cell phone or any prohibited materials while you are out of the room.”

   If your principal has directed you to follow a different procedure, do so at this time. Make sure that the student’s screen is not visible to anyone else while the student is out of the room.