**AP Music Theory Exam**

**Regularly Scheduled Exam Date:** Wednesday afternoon, May 13, 2020  
**Late-Testing Exam Date:** Wednesday afternoon, May 20, 2020

| Section I | Total Time: 1 hour and 20 minutes  
**Number of Questions:** 75  
*(The number of questions may vary slightly depending on the form of the exam.)*  
**Percent of Total Score:** 45%  
**Writing Instrument:** Pencil required | Part A: With recorded music  
**Time:** Approximately 45 minutes | Part B: Without recorded music  
**Time:** 35 minutes |

| Section II | Total Time: 1 hour and 20 minutes  
**Writing Instrument:** Pencil required | Part A:  
**Number of Questions:** Dictation, Part writing, Composition: 7 exercises  
**Percent of Total Score:** 45%  
**Time:** Approximately 1 hour and 10 minutes | Part B:  
**Number of Questions:** Sight singing: 2 exercises  
**Percent of Total Score:** 10%  
**Time:** Approximately 10 minutes per student |

**Before Distributing Exams:** Check that the title on all exam covers is *Music Theory*. If there are any exam booklets with a different title, contact the AP coordinator immediately.

**What Proctors Need to Bring to This Exam**

- Exam packets  
- Master Listening CD for each testing room  
- Master Sight Singing CD for each testing room  
- One CD player with external speakers for each testing room  
- Answer sheets  
- The personalized AP ID label sheet for each student taking the exam  
- **Part 2** of the *2019-20 AP Coordinator’s Manual*  
- This book—2019-20 *AP Exam Instructions*  
- AP Exam Seating Chart template  
- Pencil sharpener  
- Container for students’ electronic devices (if needed)  
- Extra No. 2 pencils with erasers  
- Watch  
- Signs for the door to the testing room  
  - “Exam in Progress”  
  - “Phones of any kind are prohibited during the test administration, including breaks”

**Equipment Options for Recording Audio Responses**

- Digital Language Lab  
- Computers with MP3 recording software  
- Handheld digital recording devices (optional: in sealable quart-size plastic bag)  
- iPad® or Chromebook™ only if recording using the DAC app  
  - Printed copy of *DAC App Overview*  
  
Best practice is to have backup recording devices on hand. See page 193 for details about audio recording device criteria.
IMPORTANT: Students will need to record their AP ID during Section II, Part B: Sight Singing. If there are any students who don’t have an AP ID label sheet and don’t know their AP ID, it’s important to have the AP coordinator verify the student’s AP ID before Section II begins.

Audio recording devices and equipment must be school-owned and -controlled, must remain in the school at all times, and must not be assigned to individual students. However, iPads and Chromebooks running the DAC app may be used in a one-to-one computing environment, where devices are assigned to specific students and may leave the school. See pages 112–114 in Part 2 of the 2019-20 AP Coordinator’s Manual for complete details and criteria for each acceptable recording method.

IMPORTANT: Students’ sight-singing responses must be recorded digitally and submitted online via the Digital Audio Submission (DAS) portal. Each student’s responses must be recorded and saved as a single file.

When recording using digital language lab, handheld digital recorder, or computer, files must be saved in the MP3 format. Refer to “Saving, Naming, Uploading, and Submitting Student-Response Files” on page 219.

Digital Audio Capture (DAC) App: The Digital Audio Capture (DAC) app simplifies the process of recording and uploading students’ audio responses. It may be used on school-owned and -controlled iPad tablets and Chromebook devices to record AP Music Theory sight-singing responses. Visit collegeboard.org/ap-dac for more information about this additional digital recording option. See page 207 for the DAC app running on iPad or page 212 for the DAC app running on Chromebook exam administration instructions.

REMEMBER: Schools should delete all old audio files from recording devices before they are used for this year’s exam. If you don’t delete old audio files, you run the risk of submitting the wrong files to the AP Program.

The instructions in this proctor script assume that the sight-singing part of the exam will be administered after Part A of Section II and that the general directions for the sight-singing part will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option described in “AP Music Theory Exams” in Part 2 of the 2019-20 AP Coordinator’s Manual, adjust your administration accordingly.

The listening parts must be administered as outlined here regardless of the recording method you decide to use for the sight-singing part. A list of tracks for both the listening and sight-singing parts is on page 222.

Keep in mind:

- Make sure students do not open the sealed orange booklets until they are told to do so.
- Collect students’ exam materials before moving to other rooms and redistribute them in the new room.
- Collect AP ID label sheets only at the completion of all testing.

Proctors administering this exam must be thoroughly familiar with all equipment needed on testing day. See pages 112–114 “Recording and Submitting Audio Responses” in Part 2 of the 2019-20 AP Coordinator’s Manual for more information. We strongly encourage schools to provide students with multiple opportunities throughout the year to practice making recordings using the method that will be used on exam day. AP teachers can access practice exams. Released free-response questions are available on collegeboard.org/ap (go to AP Courses & Exams—> Course & Exam Pages).

You will need the master listening CD for Part A of both Section I and Section II. You will need the master sight-singing CD for Part B of Section II.
If you plan to administer the sight-singing part of this exam:

- in a **digital language lab**, use the instructions for the sight-singing part beginning on page 197.
- using a **computer with MP3 recording software**, use the instructions for the sight-singing part beginning on page 200. You may also go to collegeboard.org/ap-audio-record for helpful information, including a link to free MP3 recording software* that can be used for administering AP world language and culture and Music Theory Exams on a PC or Mac computer. We strongly recommend that your school’s technical consultant be involved in determining if this software program is right for your school.
- using a **handheld digital recorder**, use the instructions for the sight-singing part beginning on page 203. You may go to collegeboard.org/ap-audio-record to review the criteria that handheld digital recorders must meet to comply with AP Program policies.
- using the **Digital Audio Capture (DAC) app**, use the instructions for the sight-singing part beginning on page 207 for the DAC app running on iPad or beginning on page 212 for the DAC app running on Chromebook. You may go to collegeboard.org/ap-dac to review the criteria that iPads and Chromebooks must meet to comply with AP Program policies.

* This is not an AP Program or ETS endorsement of this product. If you experience any problems during the installation or configuration of this software product only, technical assistance is available between 8 a.m. and 8 p.m. ET, Monday through Friday. Your school staff can email AP-MP3Recordertech@ets.org, or call 609-406-5677 for assistance during these hours.

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**SECTION I: Multiple Choice**

Do not begin the exam instructions below until you have completed the General Instructions.

Make sure that you administer the correct exam on the scheduled date and begin the exam at the designated time. Remember, you must complete a seating chart for this exam. See pages 286–287 for a seating chart template and instructions. See Part 2 of the 2019-20 AP Coordinator’s Manual for exam seating requirements (pages 57–60, 109–110).

When you have completed the General Instructions, turn on the CD player and insert the master listening CD. Play the first sentence of the CD to adjust the volume and then stop the CD.

If you are giving the regularly scheduled exam, say:
It is Wednesday afternoon, May 13, and you will be taking the AP Music Theory Exam.

If you are giving the alternate exam for late testing, say:
It is Wednesday afternoon, May 20, and you will be taking the AP Music Theory Exam.

Look at your exam packet and confirm that the exam title is “AP Music Theory.”
Raise your hand if your exam packet contains any other exam title and I will help you.

Once you confirm that all students have the correct exam, say:
In a moment, you will open the exam packet. By opening this packet, you agree to all of the AP Program’s policies and procedures outlined in the 2019-20 Bulletin for AP Students and Parents.
You may now remove the shrinkwrap from the outside only of your exam packet. Do not open the Section I booklet; do not remove the shrinkwrap from the Section II materials. Put the white seals and the shrinkwrapped Section II materials aside.

Carefully remove the AP Exam label found near the top left of your exam booklet cover. Place it on your answer sheet on the light blue box near the bottom that reads “AP Exam Label.”

If students accidentally place the exam label in the space for the AP ID label or vice versa, advise them to leave the labels in place. They should not try to remove the label; their exam can still be processed correctly.

Listen carefully to all my instructions. I will give you time to complete each step. Please look up after completing each step. Raise your hand if you have any questions.

Give students enough time to complete each step. Don’t move on until all students are ready.

Read the statements on the front cover of the Section I booklet.

Sign your name and write today’s date.

Now print your full legal name where indicated.

Does anyone have any questions?

Turn to the back cover of your exam booklet and read it completely.

Give students a few minutes to read the entire back cover.

Are there any questions?

You will now take the multiple-choice portion of the exam. You should have the multiple-choice booklet and your answer sheet in front of you. You may never discuss the multiple-choice exam content at any time in any form with anyone, including your teacher and other students. If you disclose the multiple-choice exam content or audio excerpts through any means your AP Exam score will be canceled.

Now turn your answer sheet over to the side marked page 2. You must complete the answer sheet using a No. 2 pencil only. Mark all of your responses on page 2 of your answer sheet, one response per question. The answer sheet has circles marked A–E for each question. For Music Theory, you will use only the circles marked A–D. Completely fill in the circles. If you need to erase, do so carefully and completely. No credit will be given for anything written in the exam booklet. Scratch paper is not allowed, but you may use the margins or any blank space in the exam booklet for scratch work.

Your score on the multiple-choice section will be based solely on the number of questions answered correctly.

Are there any questions?

Part A uses recorded musical examples on which the multiple-choice questions are based. The CD will provide detailed instructions as you proceed. Do not go on to Part B until you are told to do so. Once final time is called for Part A, you will need to stop working immediately.

I will not stop the CD until the end of Part A. Raise your hand if you do not hear the CD.

Open your Section I booklet and we will begin Part A.
Begin playing Track 1 of the master listening CD.

**Note Start Time for Part A ____________ . Note approximate Stop Time ____________ .**

The CD must not be stopped at any time during the administration of this portion of the exam unless the equipment malfunctions or students can’t hear a portion due to outside interference. (Although master CDs cannot be paused during a standard exam administration, proctors can apply extended time to master CDs by pausing between tracks or after the audio stimulus is played for students approved to test with extended time.) Check that students are marking their answers in pencil on their answer sheets and that they have not opened their shrinkwrapped Section II booklets.

After approximately 45 minutes, you will hear “End of Part A. Do not go on to Part B until you are told to do so. The proctor will now press the pause button.” Pause the CD player.

**When you are ready to start Part B, say:**

You have 35 minutes for Part B. Once final time is called for Part B, you will need to stop working immediately. Turn to Part B and begin.

**Note Start Time for Part B ____________ . Note Stop Time ____________ .**

**After 25 minutes, say:**

There are 10 minutes remaining.

**After 10 minutes, say:**

Stop working. Close your exam booklet and put your answer sheet faceup on your desk. Make sure your AP ID label and AP Exam label are on your answer sheet. Sit quietly while I collect your answer sheets.

Collect an answer sheet from each student. Check that each answer sheet has an AP ID label and an AP Exam label.

**After all answer sheets have been collected, say:**

Now you must seal your exam booklet using the white seals you set aside earlier. Affix one white seal to each area of your exam booklet cover marked “PLACE SEAL HERE.” Fold each seal over the back cover. When you have finished, place the booklet faceup on your desk. I will now collect your Section I booklet. . . .

Collect a Section I booklet from each student. Check that each student has signed the front cover of the sealed Section I booklet.

There is a 10-minute break between Sections I and II.

**When all Section I materials have been collected and accounted for and you are ready for the break, say:**

Please listen carefully to these instructions before we take a 10-minute break. Get your AP ID label sheet from under your chair and put it on your desk. You must leave your shrinkwrapped Section II packet and your AP ID label sheet on your desk during the break. All items you placed under your chair at the beginning of this exam must stay there. You are not permitted to open or access them in any way. You are not allowed to consult teachers, other students, notes, textbooks, or any other resources during the break. You may not make phone calls, send text messages, check email, use a social networking site, or access any electronic or communication device. You may not leave the designated break area. Remember, you may never discuss the multiple-choice exam content with anyone, and if you disclose the content through any means, your AP Exam score will be canceled. Are there any questions? . . .
You may begin your break. Testing will resume at ____________.

Make sure students understand where the designated break area is.

**IMPORTANT:** Both the exam room and students in the designated break area must be monitored.

At the start of the break, walk around the room to ensure all Section II books are accounted for on students’ desks. Immediately contact the Office of Testing Integrity (OTI) if any book is missing. Testing must not resume until the book is located or OTI is contacted. (See contact information for OTI on the inside front cover.)

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**SECTION II: Free Response**

After the break, say:

May I have everyone’s attention? Please look at your AP ID label sheet and double-check that your name is printed at the top to ensure you’ve returned to the correct seat. . . .

Confirm that students have their AP ID label sheet, then say:

Does everyone have a No. 2 pencil?

You may now remove the shrinkwrap from the Section II packet, but don’t break the seals on the orange booklet until you are told to do so. Put the orange booklet aside; you will need it for Part B. . . .

Read the bulleted statements on the front cover of the Section II exam booklet. Look up when you have finished. . . .

Now take an AP ID label from your label sheet and place it on the shaded box marked “Place AP ID Label Here.” If you don’t have any AP ID labels, write your AP ID in the box. Look up when you have finished. . . .

Read the last statement. . . .

Print the first, middle, and last initials of your legal name in the boxes and print today’s date where indicated. This constitutes your signature and your agreement to the statements on the front cover. . . .

Now turn to the back cover and complete Items 1 through 3 under “Important Identification Information.” For Item 3, your school code is printed at the top right of your AP ID label sheet. . . .

Give students time to complete Items 1 through 3.

Read Item 4. . . .

Are there any questions? . . .

Now place your AP ID label sheet under your chair. Read the instructions for Section II, Part A, on the back cover of the exam booklet. Do not open the exam booklet or break the seals on the orange booklet until you are told to do so. Look up when you have finished. . . .

Are there any questions? . . .

You have approximately 1 hour and 10 minutes for Part A. Once final time is called for Part A, you will need to stop working immediately. You must write your answers in the free-response booklet using a pencil.
You will follow the instructions on the CD for Questions 1 through 4. I will not stop the CD at any time until the end. When I pause the CD, you may go on without waiting for further instructions. Are there any questions? . . .

**START**

Part A: Dictation, Part Writing, Composition

Now turn to Question 1 on page 4 of your exam booklet and wait for the recording to begin.

Begin playing Track 2 of the master listening CD.

**Note Start Time __________. Note approximate Stop Time __________.**

The CD must not be stopped at any time during the administration of Part A unless the equipment malfunctions or students can’t hear a portion due to outside interference. (Although master CDs cannot be paused during a standard exam administration, proctors can apply extended time to master CDs by pausing between tracks or after the audio stimulus is played for students approved to test with extended time.) After approximately 23 minutes, you will hear “The proctor will now press the pause button.” Pause the CD player.

After the CD is paused, students have 45 minutes to complete Part A.

**Note Start Time __________. Note Stop Time __________.**

Check that students are using pencils and that they are writing their answers in the correct areas of the exam booklet, not on the facing manuscript paper pages. The pages of blank manuscript paper are for scratch work.

After 35 minutes, say:

There are 10 minutes remaining.

After 10 minutes, say:

Stop working and close your exam booklet. Put your exam booklet faceup on your desk. Keep the orange booklet but do not open it; you will need it for Part B, sight singing. Remain in your seat, without talking, while the exam materials are collected. . . .

**STOP**

Part A: Dictation, Part Writing, Composition

Collect a Section II booklet from each student. Check for the following:

- Exam booklet front cover: The student placed an AP ID label on the shaded box and printed their initials and today’s date.
- Exam booklet back cover: The student completed the “Important Identification Information” area.

**IMPORTANT:** If students are moving to a different room to record their sight-singing responses, collect the sealed orange booklets before asking students to go to the other room. You’ll redistribute the orange booklets once students are in the new room. (Students don’t need to receive their original orange booklets.) Make sure students take their AP ID label sheet with them.

**START**

Part B, Sight Singing: Digital Language Lab

Before the exam administration, create a folder on a local server to save student responses. In this case, the folder could be called “2020 AP Music Theory Exam, [Form ____].” The form (e.g., Form 0) can be found on the front cover of the Section II sight-singing booklet in the lower right corner. You will save all student responses in this folder until they are later uploaded to the DAS portal.
REMINDER: Delete all old audio files from the digital language lab before it is used for this year’s exam.

Be aware of the requirements for recording student responses using a digital language lab:

1. The MP3 format is the only acceptable digital file format for AP Exam. Check your equipment well before the exam administration to be sure it is capable of recording and saving in MP3 format.

2. Each student’s responses must be recorded and saved as a single file. Therefore, “STOP” should not be used until both melodies have been recorded. Using “STOP” before recording is finished may create two files.

3. Each student’s recorded response must begin with their AP ID.

At various points, there will be two sets of instructions: one if students can control their own recordings, and one if you or another proctor controls student recordings from a master console. Students should not wear headsets during the sight-singing portion of the exam. Play the master CD sight-singing track over the room’s speakers. Follow the instructions accordingly.

Recording Student Responses in a Digital Language Lab

The following instructions assume that the sight-singing part of the exam will be administered after Section II, Part A, and that the general directions for the sight-singing component will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option described in “AP Music Theory Exam” in Part 2 of the 2019-20 AP Coordinator’s Manual, adjust your administration accordingly.

When you are ready, say:

Put your AP ID label sheet on your desk.

Does everyone have a sealed orange booklet, a pencil, and your AP ID label sheet? . . .

Explain your plans for recording students’ sight-singing performances.

Then say:

Are there any questions? . . .

Don’t break the seals on the orange booklet until I tell you to do so. Now this is important. Take an AP ID label from your label sheet and place it in the box on the front cover of the orange booklet so that you can refer to it when I ask you to record your AP ID. . . .

Now write your name above the AP ID label. . . .

One more thing—unless you write “NO” on your orange booklet above your name, you give permission to College Board to use your recorded responses for educational research and instructional purposes. . . .

Are there any questions? . . .

Put your AP ID label sheet aside and look at the front of your orange booklet.

The instructions for sight singing have been recorded. They are also printed on the front cover of your orange booklet. Follow along as you listen to the instructions but do not open the orange booklet yet.

Begin playing Track 3 of the master listening CD (or Track 2 on the master sight-singing CD). After approximately 3 minutes you will hear “End of general directions. The proctor will now press the stop button.” Stop the CD player.
Then say:

Are there any questions? . . .

Collect all of the sealed orange booklets before asking students to take their AP ID label sheets and go to the place where they will wait to individually perform the sight-singing melodies. Take the orange booklets to the proctor(s) administering sight singing in the digital language lab.

Before administering sight singing, set up the room following your lab manufacturer’s instructions. From the console, make sure that the station the students will be using is on and the correct recording and save file format are activated.

Only one student at a time may practice and perform the sight-singing part. Ensure that the students waiting cannot hear the performance. As each student comes into the room, have the student take a seat at the station you have set up and then return their orange booklet.

When you are ready to begin, say:

Put your AP ID label sheet and your personal belongings under your chair. You should have nothing on your desk except a pencil and your orange booklet. . . .

Continues for all administrations:

First, you’ll need to record your AP ID to make sure everything is working properly. As a reminder, your AP ID is printed on the barcode label you placed on the lower left of the orange booklet cover. When I tell you to, say, “My AP ID is . . .” and state your AP ID.

Continue for all administrations:

The voice on the master CD will instruct you when it is time to practice and when it is time to record each melody. The CD will be played over the room’s speakers. Let me know if you cannot hear the master CD or if you have trouble with the equipment. I will not replay the CD if you don’t understand the questions. I will not stop the CD unless the equipment fails.
Using your finger, break the seals on the orange booklet. Do not peel the seals away from the booklet. You may make notes in the orange booklet, but don't open it until instructed to do so.

Are there any questions? . . .

If students control their own recordings, say:
Your responses must be recorded as a single file. Therefore, press “PAUSE” only when instructed to do so by the CD and do not press “STOP” until the end, when the CD tells you to do so. (Remember: Your files may not record properly if you press “STOP” before the end.)

I will now start the master CD.

Begin playing Track 1 on the master sight-singing CD. The CD cautions the student that they may not use a metronome or any other device for assistance. However, the student may tap a foot, tap the table, or silently conduct for themselves. Be aware that the student is following the recorded instructions that guide their practice and performance of the two melodies.

You should monitor that the student is using the recording equipment appropriately. The student cannot use the equipment to communicate with others about the exam, or to access any unauthorized features, programs, or content.

When you hear “End of recording,” stop the master CD.

If the student can control their own recording, say:
If you haven't done so, press “STOP” to complete your file. You should now listen to brief portions of your recording to confirm that both responses were recorded. If your voice was not recorded, I will help you . . .

If you or another proctor controls the student’s recording from a master console, say:
Sit quietly while I check that your voice has been recorded.

If you confirm that a recording is inaudible or if a student recorded more than one file, that student must record their responses again immediately. It is critical that the recording be done properly. Students can only receive credit for audible material; you will only be able to upload one file per student to the DAS portal.

Once you’ve confirmed that the student’s recording is correct, collect the student’s exam materials and the AP ID label sheet. Check that the student has placed an AP ID label on their orange booklet.

Now go to page 217 to continue with instructions for dismissing students.

STOP Part B, Sight Singing: Digital Language Lab

START Part B, Sight Singing: Computer with MP3 Software

Before the exam administration, create a folder on a local server to save student responses. In this case, the folder could be called “2020 AP Music Theory Exam, [Form ___].” The form (e.g., Form O) can be found on the front cover of the Section II sight-singing booklet in the lower right corner. You will save all student responses in this folder until they are later uploaded to the DAS portal.

REMINDER: Delete all old audio files from computers before they are used for this year’s exam.
Be aware of the requirements for recording student responses using a computer:

1. School-owned laptops may be used only if they remain in the school at all times and are not assigned or issued to individual students. Student-owned laptops may not be used under any circumstances.

2. Student access to the internet must be blocked or disabled.

3. If the computer includes features for taking pictures or video such as a built-in camera or webcam, the camera or webcam must be inaccessible or disabled.

4. **The MP3 format is the only acceptable digital file format for AP Exam responses.** Check your software well before the exam administration to be sure it is capable of recording and saving in MP3 format. If not, please use the software program described on collegeboard.org/ap-audio-record.

5. Each student's responses must be recorded and saved as a single file. Therefore, for most software packages, “STOP” should not be clicked until both melodies have been recorded. Clicking “STOP” before recording is finished may create two files and overwrite earlier work.

6. Each student's recorded response must begin with their AP ID.

Before each student enters the room, make sure the computer is on and that the correct recording and save file format are activated. Check the charge and volume levels. Plug-in the computer if necessary.

**Recording Student Responses on Computer with MP3 Software**

The following instructions assume that the sight-singing part of the exam will be administered after Part A of Section II and that the general directions for the sight-singing component will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option described in “AP Music Theory Exam” in Part 2 of the 2019-20 AP Coordinator's Manual, adjust your administration accordingly.

**When you are ready, say:**

Put your AP ID label sheet on your desk.

Does everyone have a sealed orange booklet, a pencil, and your AP ID label sheet? . . .

Explain your plans for recording students’ sight-singing performances.

**Then say:**

Are there any questions? . . .

Don’t break the seals on the orange booklet until I tell you to do so. Now this is important. Take an AP ID label from your label sheet and place it in the box on the front cover of the orange booklet so that you can refer to it when I ask you to record your AP ID. . . .

Now write your name above the AP ID label. . . .

One more thing—unless you write “NO” on your orange booklet above your name, you give permission to College Board to use your recorded responses for educational research and instructional purposes.

Are there any questions? . . .

Put your AP ID label sheet aside and look at the front of your orange booklet.

The instructions for sight singing have been recorded. They are also printed on the front cover of your orange booklet. Follow along as you listen to the instructions but do not open the orange booklet.
Begin playing Track 3 of the master **listening** CD (or Track 2 on the master sight-singing CD). After approximately 3 minutes you will hear “End of general directions. The proctor will now press the stop button.” Stop the CD player.

**Then say:**

- Are there any questions? . . .

Collect all of the sealed orange booklets before asking students to take their AP ID label sheets and go to the place where they will wait to individually perform the sight-singing melodies. Take the orange booklets to the proctor(s) administering sight singing at the computer.

Before each student enters the room, make sure the computers that will be used for testing are on and that the correct recording and save file format are activated.

Only one student at a time may practice and perform the sight-singing part. Ensure that the students waiting cannot hear the performance. As each student comes into the room, have the student take a seat at the computer you have set up and then return their orange booklet.

**When you are ready to begin, say:**

- Put your AP ID label sheet and your personal belongings under your chair. You should have nothing on your desk except a pencil and your orange booklet . . . .

- Follow the instructions from the master CD to record your performance. You should start, pause, and stop your recording only when instructed to do so by the voice on the recording. You should record your performance at a normal singing level.

- First, you’ll need to record your AP ID to make sure everything is working properly. As a reminder, your AP ID is printed on the barcode label you placed on the lower left of the orange booklet cover. When I tell you to, click “RECORD” and say, “My AP ID is . . . ;” state your AP ID, and then click “STOP.” Go ahead and record your AP ID now. . . .

**Give the student time to record their AP ID, then say:**

- Now click “PLAY” to check that your voice has recorded properly. . . .

**Give the student time to check their recording, then say:**

- Have you recorded properly? . . .

- If your voice was not recorded, raise your hand and I will help you. . . .

**When you’ve confirmed the student has recorded properly, say:**

- Please delete your AP ID recording and look up.

- Listen to the master CD and follow the instructions. The voice on the master CD will instruct you when it is time to practice and when it is time to record each melody. If at any time you cannot hear the master CD, let me know. I will not replay the CD if you don’t understand the questions. I will not stop the CD unless the equipment fails.

- From this point on, you will stop the recording only once, at the very end of testing. Remember to click “PAUSE” between your recordings when instructed to do so.

- Now you need to record your AP ID again. This will be the start of your exam recording. Remember to say “My AP ID is . . . ;” then state your AP ID. Go ahead and record your AP ID then click “PAUSE.” . . .

**Give the student time to record their AP IDs, then say:**

- If you have not clicked “PAUSE,” do so now. . . .
Using your finger, break the seals on the orange booklet. Do not peel the seals away from the booklet. You may make notes in the orange booklet, but don’t open it until instructed to do so.

Are there any questions? . . .

Your responses must be recorded as a single file. Therefore, click “PAUSE” only when instructed to do so by the CD and do not click “STOP” until the end, when the CD tells you to do so. (Remember: Your files may not record properly if you click “STOP” before the end.)

I will now start the master CD.

Begin playing Track 1 on the master sight-singing CD.

**IMPORTANT:** If your MP3 recording software requires students to deselect “PAUSE” before they can continue their recording, you must remind them to do so. If they do not follow the correct recording process for your software, their files may not record properly, and their AP scores may be jeopardized.

The CD cautions the student that they may not use a metronome or any other device for assistance. However, the student may tap a foot, tap the table, or silently conduct for themselves. Be aware that the student is following the recorded instructions that guide their practice and performance of the two melodies.

You should monitor that the student is using the computer appropriately. The student cannot use the computer to communicate with others about the exam, or to access any unauthorized features, programs, or content.

**When you hear “End of recording,” stop the master CD and say:**

If you have not done so, click “STOP” to complete your file. You should now listen to brief portions of your recording to confirm that both responses were recorded. If your voice was not recorded, let me know and I will help you. . . .

If you confirm that a recording is inaudible or if a student recorded more than one file, that student must record their responses again immediately. It is critical that the recording be done properly. Students can only receive credit for audible material; you will only be able to upload one file per student to the DAS portal.

Once you’ve confirmed that the student’s recording is correct, collect the student’s exam materials and the AP ID label sheet. Check that the student has placed an AP ID label on their orange booklet.

Now go to page 217 to continue with instructions for dismissing students.

**STOP** Part B, Sight Singing: **Computer with MP3 Software**

**START** Part B, Sight Singing: **Handheld Digital Recorder**

Before the exam administration, create a folder on a local server to save student responses. In this case, the folder could be called “2020 AP Music Theory Exam, [Form ___].” The form (e.g., Form O) can be found on the front cover of the Section II sight-singing booklet in the lower right corner. You will save all student responses in this folder until they are later uploaded to the DAS portal.

Before each student enters the room, be sure the device is turned on and check the battery and volume levels. Plug-in/recharge or replace batteries if required. As each student comes into the room, return their orange booklet.

**REMEMBER:** Delete all old audio files from the recording devices **before** they are used for this year’s exam.
Be aware of the requirements for recording student responses using a handheld digital recorder:

1. School-owned handheld digital recorders may be used if they remain in the school at all times and are not assigned or issued to individual students. Student-owned devices may not be used under any circumstances.

2. If the device includes features for wireless communication over a network—including cellular, Bluetooth®, or Wi-Fi—the communication capability must be disabled.

3. If the device includes features for taking pictures or video such as a built-in camera or webcam, the camera or webcam must be inaccessible or disabled.

4. The device must be capable of saving the recorded audio as an MP3 formatted digital file. No other audio file format (e.g., WAV, WMA, or AAC) is acceptable.

5. The device must have the ability to record (begin the recording), pause/unpause (temporarily suspend the recording and then continue recording), and stop (stop/end the recording). The stop (or a separate save) control should create a digital file that contains the recording.

6. Each student’s responses must be recorded and saved as a single file.

7. The device must include a means to move or copy digital files from the device to a computer. Most devices do so via a USB port and cable or removable media (SD card); either is acceptable.

8. Each student’s recorded response must begin with their AP ID.

9. Provide a music stand, desk, or tabletop on which the student can place the handheld digital recorder during the test administration so that the student can use their hands to make notes or conduct during the practice or performance time.

Consider the following suggestion for keeping track of student responses (this is a best practice, not a requirement):

Before students enter the room, place each handheld digital recorder in its own sealable quart-size plastic storage bag. Have students place their AP ID label on the bag in the order in which they record (so that the second student places their AP ID label below the first student’s AP ID label and so on) and write their sequence number in the far left margin of the label. (See Figure 1.)

After a student finishes using a device, lock that student’s response file if the device permits you to do so. When the exam is over, put the device back into the bag. The person responsible for transferring the student responses from the device to a computer and then saving the files will have the students’ AP IDs.

Recording Student Responses Using a Handheld Digital Recorder

The following instructions assume that the sight-singing part of the exam will be administered after Part A of Section II and that the general directions for the sight-singing component will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option described in “AP Music Theory Exam” in Part 2 of the 2019-20 AP Coordinator’s Manual, adjust your administration accordingly.
When you are ready, say:

Put your AP ID label sheet on your desk. . . .

Does everyone have a sealed orange booklet, a pencil, and your AP ID label sheet? . . .

Explain your plans for recording students’ sight-singing performances.

Then say:

Are there any questions? . . .

Don’t break the seals on the orange booklet until I tell you to do so. Now this is important. Take an AP ID label from your label sheet and place it in the box on the front cover of the orange booklet so that you can refer to it when I ask you to record your AP ID. . . .

Now write your name above the AP ID label. . . .

One more thing—unless you write “NO” on your orange booklet above your name, you give permission to College Board to use your recorded responses for educational research and instructional purposes.

Are there any questions? . . .

Put your AP ID label sheet aside and look at the front of your orange booklet.

The instructions for sight singing have been recorded. They are also printed on the front cover of your orange booklet. Follow along as you listen to the instructions, but do not open the orange booklet.

Begin playing Track 3 of the master listening CD (or Track 2 on the master sight-singing CD). After approximately 3 minutes you will hear “End of general directions. The proctor will now press the stop button.” Stop the CD player.

Then say:

Are there any questions? . . .

Collect all of the sealed orange booklets before asking students to take their AP ID label sheets and go to the place where they will wait to individually perform the sight-singing melodies. Take the orange booklets to the proctor(s) administering sight singing.

Only one student at a time may practice and perform the sight-singing part. Ensure that the students waiting cannot hear any other students practicing or performing the melodies.

Before each student enters the room, be sure the device is turned on and check the battery and volume levels. Plug-in/recharge or replace batteries if required. As each student comes into the room, return their orange booklet.

When you are ready to begin, say:

Put your AP ID label sheet and your personal belongings under your chair. You should have nothing on your desk except a pencil, your orange booklet, and your handheld digital recorder. . . .

Do you know how to use the controls and buttons on the device to record, pause, stop, and erase? If not, please let me know.

IMPORTANT: In some models of handheld digital recorders, “PAUSE” is combined with “PLAY.” In others, it is combined with “RECORD.” If you don’t see any buttons labeled “PAUSE,” it is very possible that “RECORD” acts as a pause. Be sure that you and the students understand how to record, pause, stop, and erase using your school’s specific devices before moving on. If students do not follow the correct recording process, their files may not record properly, and their AP scores may be jeopardized.
Follow the instructions from the master CD to record your performance. You should start, pause, and stop your recording only when instructed to do so by the voice on the CD. You should record your performance at a normal singing level.

First, you’ll need to record your AP ID to make sure everything is working properly. As a reminder, your AP ID is printed on the barcode label you placed on the lower left of the orange booklet cover. When I tell you to, press “RECORD” and say, “My AP ID is. . .,” state your AP ID, and then press “STOP.” Go ahead and record your AP ID now. . . .

Give the student time to record their AP ID, then say:

Now click “PLAY” to check that your voice recorded properly.

Give the student time to check their recording, then say:

Have you recorded properly? . . .

If your voice was not recorded, let me know and I will help you. . . .

When you’ve confirmed the student has recorded properly, say:

Please erase your AP ID recording and look up. . . .

Listen to the master CD and follow the instructions. The voice on the master CD will instruct you when it is time to practice and when it is time to record each melody. If at any time you cannot hear the master CD, let me know. I will not replay the CD if you don’t understand the questions. I will not stop the CD unless the equipment fails.

From this point on, you will stop the recording only once, at the very end of testing. Remember to press “PAUSE” between your recordings when instructed to do so.

Now you need to record your AP ID again. This will be the start of your exam recording. Remember to say “My AP ID is. . .,” then state your AP ID. Go ahead and record your AP ID then press “PAUSE.” . . .

Give students time to record their AP IDs, then say:

If you have not pressed “PAUSE,” press it now. . . .

Using your finger, break the seals on the orange booklet. Do not peel the seals away from the booklet. You may make notes in the orange booklet, but don't open it until instructed to do so.

Are there any questions? . . .

Your responses must be recorded as a single file. Therefore, use “PAUSE” only when instructed to do so by the CD and do not press “STOP” until the end, when the CD tells you to do so. (Remember: Your files may not record properly if you press “STOP” before the end.)

I will now start the master CD.

Begin playing Track 1 on the master sight-singing CD. The recording cautions the student that they may not use a metronome or any other device for assistance. However, the student may tap a foot, tap the table, or silently conduct for themselves. Be aware that the student is following the recorded instructions that guide their practice and performance of the two melodies.

You should monitor that the student is using the digital recorder appropriately. The student cannot use the digital recorder to communicate with others about the exam, or to access any unauthorized features, programs, or content.
When you hear “End of recording,” stop the master CD and say:

If you have not done so, press “STOP” to complete your file. You should now listen to brief portions of your recording to confirm that both responses were recorded. If your voice was not recorded, let me know, and I will help you. . . .

If you confirm that a recording is inaudible or if a student recorded more than one file, that student must record their responses again immediately. It is critical that the recording be done properly. Students can only receive credit for audible material; you will only be able to upload one file per student to the DAS portal.

IMPORTANT: Before dismissing the student, you must be sure to have the information needed to match the student response with the correct AP ID. If you used plastic bags to organize the recording devices, confirm that the student’s AP ID label is on the bag holding the recorder they used.

Once you’ve confirmed that the student’s recording is correct, collect the student’s exam materials. Check that the student has placed an AP ID label on their orange booklet.

Now go to page 217 to continue with instructions for dismissing students.

STOP Part B, Sight Singing: Handheld Digital Recorder

START Part B, Sight Singing: DAC App on iPad

AP Music Theory sight-singing responses may be recorded and uploaded using the DAC app running on an iPad® tablet. All iPads must be school-owned and -controlled, and may be assigned to students in a one-to-one device environment. Student-owned devices or iPhones may not be used under any circumstances.

The DAC app is the only recording option that directly uploads sight-singing responses to the Digital Audio Submission (DAS) portal. This option eliminates steps required of other recording options to save, name, and upload individual student files. Once each student’s sight-singing response file successfully uploads to the DAS portal, it is automatically deleted from the iPad.

IMPORTANT: Once students’ recordings are complete, and files uploaded, you still need to log in to the DAS portal to submit the files.

To use the DAC app you must have the DAC Activation Key. The AP coordinator at your school will provide you with this code before exam day. This is an eight-digit alphanumeric code needed to unlock the app during testing. (Note: The DAC Activation Key is different from students’ AP IDs.) This code is unique to your school; you may NOT use another school’s code. Post the Activation Key in a prominent place in the testing room for students to reference. The app should only be unlocked at the exam administration.

REMINDER: Delete all old audio files from iPads before they are used for this year’s exam.

Follow these steps before administering the sight-singing part using the DAC app to record student audio responses:

1. The DAC app must be installed on each iPad that will be used for AP Exams. Each iPad must have a minimum of 20MB storage space.

2. Make sure the iPad is fully charged. Check the charged percentage level displayed on the iPad screen.

3. The iPad must be connected to Wi-Fi. A Wi-Fi connection is needed for the app to directly upload student sight-singing recordings to the DAS portal at the end of the recording process. Check the Wi-Fi signal strength displayed on the iPad screen. If you do not see this icon, tap “SETTINGS” to check that Wi-Fi is enabled and connected to a network.
4. The speaker volume on the iPad should be set to the maximum level. Use the volume rocker on the iPad to adjust the volume.

5. Provide a music stand, desk, or tabletop on which the student can place the iPad during the test administration so that the student can use their hands to make notes or conduct during the practice or performance time.

**Recording Student Responses Using the Digital Audio Capture (DAC) App on iPad**

The following instructions assume that the sight-singing part of the exam will be administered after Section II, Part A, and that the general directions for the sight-singing component will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option as described in the “AP Music Theory Exam” section of Part 2 of the 2019-20 AP Coordinator’s Manual, adjust your administration accordingly.

When you are ready, say:

Put your AP ID label sheet on your desk.

Does everyone have a sealed orange booklet, a pencil, and your AP ID label sheet? . . .

Explain your plans for recording students’ sight-singing performances.

Then say:

Are there any questions? . . .

Don’t break the seals on the orange booklet until I tell you to do so. Now this is important. Take an AP ID label from your label sheet and place it in the box on the front cover of the orange booklet so that you can refer to it when I ask you to record your AP ID. . . .

Now write your name above the AP ID label. . . .

Put your AP ID label sheet aside and look at the front of your orange booklet.

The instructions for sight singing have been recorded. They are also printed on the front cover of your orange booklet. Follow along as you listen to the instructions, but do not open the orange booklet.

Begin playing Track 3 of the master listening CD (or Track 2 on the master sight-singing CD). After approximately 3 minutes you will hear “End of general directions. The proctor will now press the stop button.” Stop the CD player.

Then say:

Are there any questions? . . .

Collect all of the sealed orange booklets before asking students to take their AP ID label sheets and go to the place where they will wait to individually perform the sight-singing melodies. Take the orange booklets to the proctor(s) administering sight singing.

Only one student at a time may practice and perform the sight-singing part. Ensure that the students waiting cannot hear any other students practicing or performing the melodies.

Before each student enters the room, be sure the iPad is turned on, and check the battery and volume levels. Plug in/recharge the iPad, if necessary. Before launching the DAC app, confirm that the iPad is connected to a Wi-Fi network and that the volume control is set at maximum. As each student comes into the room, return their orange booklet.
When you are ready to begin, say:

Put your AP ID label sheet and your personal belongings under your chair. You should have nothing on your desk except a pencil, your orange booklet, and the iPad...

Follow the instructions from the master CD to record your performance. You should start, pause, and stop your recording only when instructed to do so by the voice on the recording. You should record your performance at a normal singing level.

We will now begin. Please listen carefully and do not tap any buttons until you are told to do so. Follow my instructions closely, one step at a time. Do not move ahead before you are told.

Next you are going to tell the student the eight-digit alphanumeric Activation Key you received from your AP coordinator, and point to the place in the room where you posted the Activation Key.

Say:

Now, please tap the “DAC app” icon on the iPad to launch the application. If prompted, grant permission for the app to use the iPad microphone and camera.

The first screen will prompt you to enter an Activation Key. The Activation Key is ____________ . . . .

If the student gets the error message “Please Enter a Valid Activation Key,” have them clear the field, and reenter the Activation Key while you watch over to be sure it is entered correctly.

Then say:

Now tap “CONTINUE.” A “Confirm App Self-Lock” pop-up message will appear. Tap “YES.” This prevents other apps from interrupting the recording process on the iPad.

Now you will enter your AP ID. First tap the icon next to the “AP ID” field to enable the scanner. Point the camera at the orange booklet so the AP ID label is visible on the screen. The red line should cross the center of the AP ID label bar code.

The student may need to move the iPad closer or farther away to focus. Once the scan succeeds, the “AP ID” field will populate. If the student has any trouble scanning the AP ID, he or she can enter it manually using the iPad keypad, then tap “DONE.”

After the AP ID is scanned (or entered manually, if necessary), say:

Now enter the six-digit exam item number found near the bottom right corner of the orange booklet cover. Tap the icon next to the “Item #” field and point the camera at the orange booklet so the item number barcode is visible on the screen.

Once the scan succeeds, the “Item #” field will populate. If the student has any trouble scanning the item number, he or she can enter it manually using the iPad keypad, then tap “DONE.”

If both numbers were entered correctly, you will see green check marks next to each.

Before leaving this screen, please understand that you give permission to College Board to use your recorded responses for educational research and instructional purposes unless you change the slider at the bottom right of the screen from “YES” to “NO.” Once you select “YES” or “NO” and tap “CONTINUE,” you cannot change your selection.
When you are ready, tap “CONTINUE.” . . .

In a moment you’ll record your AP ID and check to make sure it recorded properly. As a reminder, your AP ID is below the barcode label you placed on the lower left of the orange booklet cover. When I tell you to, tap “RECORD,” and say “My AP ID is . . . ,” state your AP ID, then tap “PAUSE.”

Go ahead and record your AP ID now. . . .

Give the student time to record their AP ID, then say:

Listen to your recording. . . .

Give the student time to check their AP ID recording, then say:

If you were able to hear and understand your recording, tap “CONTINUE,” and do not touch the iPad screen until I give the next direction. Let me know if your recording was not successful and I will assist . . .

If the student’s recording was not successful, ask for the iPad and:

1. Check that the speaker volume on the iPad is set to the maximum level. Use the volume rocker switch on the iPad to adjust the volume. Then,

2. Replay the recording by tapping “PLAY.” If you cannot hear or understand the student’s recording, return the iPad and instruct them to tap “RE-RECORD” and try again until the recording is audible and clear.

When the student has successfully recorded their AP ID, say:

We will now begin the process for recording both sight-singing performances. Listen to the master CD and follow the instructions. The voice on the master CD will instruct you when it is time to practice and when it is time to record each melody. If at any time you cannot hear the master CD, let me know. I will not replay the CD if you don’t understand the questions. I will not stop the CD unless the equipment fails.

From this point on, you will stop the recording only once, at the very end of testing. Remember to press “PAUSE” between your recordings when instructed to do so.

Using your finger, break the seals on the orange booklet. Do not peel the seals away from the booklet. You may make notes in the orange booklet, but don’t open it until instructed to do so.

Are there any questions? . . .

Your responses must be recorded as a single file. Therefore, tap “PAUSE” only when instructed to do so by the CD and do not tap “STOP” until the end, when the CD tells you to do so. (Remember: Your files may not record properly if you tap “STOP” before the end.)

IMPORTANT: Be sure each student follows the instructions to start, pause, and stop recording. If students do not follow the correct recording process, their files may not record properly, and their AP scores may be jeopardized.

Then say:

I will now start the master CD.

Begin playing Track 1 on the master sight-singing CD. The CD cautions the student that they may not use a metronome or any other device for assistance. However, the student may tap a foot, tap the table, or silently conduct for themselves. Be aware that the student is following the recorded instructions that guide their practice and performance of the two melodies.
Monitor to be sure the student does not tap “STOP” before recording both sight-singing performances. If the student taps “STOP” too early, instruct them to tap “NO” to return to the recording.

At the end of the recorded exercises, you will direct the student to check that their performances recorded properly.

**When you hear “End of recording,” stop the master CD, and say:**

If you have not done so, tap “STOP” now. You will be prompted to confirm that you want to stop the recording. Tap “YES.”

Next you will listen to your recording. During playback use the slider bar to listen to brief portions of your recording to confirm that your sight-singing responses for both melodies were recorded. Tap “PLAY” now. . .

**Give the student time to listen to their playback, then say:**

If you could hear your voice, tap “CONTINUE.” If not, do not touch the iPad and I will assist. . .

If the student couldn’t hear their recording, take the iPad and replay the recording. Be sure the speaker volume on the iPad is set to the maximum level. Use the volume rocker switch to adjust the volume.

**If you can hear the recording:**

Tap “CONTINUE” and the recording will directly upload to the DAS portal through your Wi-Fi connection.

**If the recording is inaudible:**

Have the student repeat the sight-singing exercises immediately. See the “Recording Is Inaudible” troubleshooting instructions below.

Once the student taps “CONTINUE,” the DAC app will attempt to upload the student's recording. If successful, the iPad will display: “Success!”

**Say:**

If you see a “Success!” message, tap “DONE.”

After the student taps “DONE,” the iPad will reset and be ready for the next student to test.

**Say:**

If you did not get the “Success” message, do not touch the iPad. Let me know so I can assist . . .

If “Upload error” appears, collect and set aside the affected iPad. After the student is dismissed, reference the “Upload Error” section in the Troubleshooting Instructions on page 212.

Once you’ve confirmed that the student’s recording is correct, collect the student’s exam materials and the AP ID label sheet. Check that the student has placed an AP ID label on their orange booklet.

Now see page 217 to continue with instructions for dismissing students.

**Troubleshooting Instructions**

**Recording Is Inaudible—Student must be retested**

If the student’s recording is inaudible, or either of their melodies did not record, the student must re-record both melodies.
To unlock the app and allow the student to re-record, you will need the CD case for the master sight-singing CD. The back of the CD case has a bar code label needed to unlock the iPad screen. Once you have the CD case:

1. Tap the scan icon to the left of “Proctor Code” at the bottom of the iPad screen to scan the six-digit bar code on the back of the CD case (or enter the code using the iPad keypad). The code will appear in the “Proctor Code” box if the scan is successful. Now tap “SUBMIT.”
2. Tap “RE-RECORD.” This will take you back to the “Record AP ID” screen.
3. Return the iPad to the student and begin re-administering the sight-singing portion, beginning with the AP ID recording step on page 210.

**Upload Error**

If there is an upload error message, you may try to upload the files immediately. On the Upload error screen, enter the proctor code at the bottom of the screen. (The proctor code is the six-digit barcode on the back of the master CD case.) Then, tap Upload Saved Files on the Upload Status page. If you still receive an upload error, you may try uploading again later. The files will be saved on the iPad until they are uploaded. Refer to the DAC App Overview for details.

If there is a problem uploading any student's file to the DAS portal and the school is using Chromebooks in a one-to-one environment, the device the student used for recording must not be returned to the student until the file is successfully uploaded. You should label the iPad in some way so you will know it has files that still need to be uploaded.

The iPad can be used by other students even if it contains files that didn't upload. Tap “Return to Home,” and the iPad will be ready for the next student.

A Wi-Fi connection must be established to upload saved files. Check the Wi-Fi signal strength displayed on the iPad screen. If you do not see this icon, exit the DAC app and go to iPad “Settings” to check that Wi-Fi is enabled and connected to a network; also make sure airplane mode is off. Once you've established a Wi-Fi connection, proceed to upload saved files. If you've followed the steps in the DAC App Overview and are still unable to upload the files, call AP Services for Educators (Monday–Friday) at 877-274-6474 (toll free in the U.S. and Canada) or 212-632-1781.

**STOP** Part B, Sight Singing: DAC App on iPad

**START** Part B, Sight Singing: DAC App on Chromebook

AP Music Theory sight-singing responses may be recorded and uploaded using the DAC app running on Chromebook. All Chromebooks must be school-owned and -controlled, and under management of Google G Suite for Education™. The devices may be assigned to students in a one-to-one environment. **Student-owned devices may not be used under any circumstances.**

The DAC app is the only recording option that directly uploads audio responses to the Digital Audio Submission (DAS) portal. This option eliminates the steps required of other recording options to save, name, and upload individual student files. Once each student's speaking response file successfully uploads to the DAS portal, it is automatically deleted from the Chromebook.

**IMPORTANT:** Once students' recordings are complete, and files uploaded, you still need to log into the DAS portal to submit the files.
To use the DAC app you must have the **DAC Activation Key**. The AP coordinator at your school will provide you with this code before exam day. This is an eight-digit alphanumeric code needed to unlock the app during testing. **(Note:** The DAC Activation Key is **different from** students’ AP IDs.) This code is unique to your school; you may NOT use another school’s code. Post the Activation Key in a prominent place in the testing room for students to reference. The app should only be unlocked at the exam administration.

**Follow these steps before administering the speaking part using the DAC app to record student audio responses:**

1. Each Chromebook used for AP Exams must be under management of G Suite for Education. Refer to the **2019-20 DAC App Overview** to create an organizational unit to manage the devices. Push the DAC app to each device just before the administration. Each Chromebook must have a minimum of 20MB storage space.

2. Make sure all Chromebooks are fully charged or plugged in.

3. The Chromebooks must be connected to Wi-Fi so the app can directly upload student recordings to the DAS portal at the end of the recording process.

4. The speaker volume on each Chromebook should be set to the maximum level.

**Recording Student Responses Using the Digital Audio Capture (DAC) App on Chromebook**

The following instructions assume that the sight-singing part of the exam will be administered after Section II, Part A, and that the general directions for the sight-singing component will be read and heard by all students at the same time. The general directions for sight singing are on Track 3 of the master listening CD and on Track 2 of the master sight-singing CD. If you use another option as described in the “AP Music Theory Exam” section of the **Part 2 of the 2019-20 AP Coordinator’s Manual**, adjust your administration accordingly.

**When you are ready, say:**

- Place your AP ID label sheet on your desk. . . .
- Does everyone have a sealed orange booklet, a pencil, and your AP ID label sheet? . . .

Explain your plans for recording students’ sight-singing performances.

**Then say:**

- Are there any questions? . . .
- Don’t break the seals of the orange booklet until I tell you to do so. Now this is important. Take an AP ID label from your AP ID label sheet and place it on the front cover of the orange booklet so you can refer to it when I ask you to record your AP ID. . . .
- Now write your name above the AP ID label. . . .
- Put your AP ID label sheet aside and look at the front of your orange booklet.
- The instructions for sight singing have been recorded. They are also printed on the front cover of your orange booklet. Follow along as you listen to the instructions, but do not open the orange booklet.

Begin playing Track 3 of the master **listening** CD (or Track 2 on the master sight-singing CD). After approximately 3 minutes you will hear “End of general directions. The proctor will now press the stop button.” Stop the CD player.

**Then say:**

- Are there any questions? . . .
Collect all the sealed orange booklets before asking students to take their AP ID label sheets and go to the place where they will wait to individually perform the sight-singing melodies. Take the orange booklets to the proctor(s) administering sight singing.

Only one student at a time may practice and perform the sight-singing part. Ensure that the students waiting cannot hear any other students practicing or performing the melodies.

Before each student enters the room, be sure the Chromebook is turned on, check the battery and volume levels, and check that it is connected to a Wi-Fi network. As each student comes into the room, return their orange booklet.

Say:

Put your AP ID label sheet and your personal belongings under your chair. You should have nothing on your desk except a pencil, your orange booklet, and the Chromebook.

Follow the instructions from the master CD to record your performance. You should start, pause, and stop your recording only when instructed to do so by the voice on the CD. You should record your performance at a normal singing level.

We will now begin. Please listen carefully and do not select any actions on the Chromebook until you are told to do so. Follow my instructions closely, one step at a time. Do not move ahead before you are told to do so.

You should see the startup page. You don't need to enter a password. Select the Apps link in the menu row and select the “DAC app” icon to launch the application.

Next you are going to tell the student the eight-digit alphanumeric Activation Key you received from your AP coordinator, and point to the place in the room where you posted the Activation Key.

Say:

The first screen will prompt you to enter an Activation Key. The Activation Key is ____________ . . . .

Then say:

Now select “CONTINUE.”

If a student gets the error message “Please Enter a Valid Activation Key,” have them clear the field and reenter the Activation Key while you watch over to be sure it is entered correctly.

After the student has correctly entered the Activation Key, say:

Now you will enter your AP ID which is on the label on the lower left of your orange booklet cover. . . .

After the AP ID is entered, say:

Now enter the six-digit item number found near the bottom right corner of the orange booklet cover. . . .

After the item number is entered, say:

If both numbers were entered correctly you will see green check marks next to each.

If a student doesn't see a green check mark in a box, tell them to select outside the box before they try to reenter the number.

Before leaving this screen please understand that you give permission to College Board to use your recorded responses for educational research.
and instructional purposes unless you change the slider at the bottom right of the screen from "YES" to "NO." Once you select "YES" or "NO" and click "CONTINUE," you cannot change your selection.

When you are ready select "CONTINUE." . . .

Then say:

In a moment you’ll record your AP ID and check to make sure it recorded properly. As a reminder, your AP ID is on the label you placed on the lower left of the orange booklet cover. When I tell you to, select “RECORD” then say “My AP ID is . . .” and state your AP ID, then select “PAUSE.”

Go ahead and record your AP ID now. . . .

Give the student time to record their AP ID, then say:

Listen to your recording. . . .

Give the student time to check their AP ID recording, then say:

If you were able to hear and understand your recording, select “CONTINUE.” Do not touch the Chromebook until I give the next direction. Let me know if your recording was not successful and I will assist. . . .

If the student’s recording was unsuccessful, replay their recording by sliding the playback bar to the far left. If you cannot hear or understand the student’s recording, instruct the student to select “RE-RECORD” and re-record until the recording is audible.

When the student has successfully recorded their AP ID, say:

We will now begin the process for recording both sight-singing tasks. Listen to the master CD and follow the instructions. The voice on the master CD will instruct you when it is time to practice and when it is time to record each melody. If at any time you cannot hear the master CD, let me know. I will not replay the CD if you don’t understand the questions. I will not stop the CD unless the equipment fails.

From this point on, you will stop the recording only once, at the very end of testing. Remember to select “PAUSE” between your recordings when instructed to do so.

Using your finger, break the seals on the orange booklet. Do not peel the seals away from the booklet. You may make notes in the orange booklet, but don’t open it until instructed to do so.

Are there any questions? . . .

Your responses must be recorded as a single file. Therefore, select “PAUSE” only when instructed to do so by the CD and do not select “STOP” until the end, when the CD tells you to do so. (Remember: Your files may not record properly if you select “STOP” before the end.)

IMPORTANT: Make sure each student follows the instructions to start, pause, and stop recording. If students do not follow the correct recording process, their files may not record properly, and their AP scores may be jeopardized.

Then say:

I will now start the master CD.

Begin playing Track 1 on the master sight-singing CD. The CD cautions the student that they may not use a metronome or any other device for assistance. However, the student may tap a foot, tap the table, or silently conduct for themselves. Be aware that the student is following the recorded instructions that guide their practice and performance of the two melodies.
Monitor to be sure the student does not select “STOP” before recording both sight-singing performances. If the student selects “STOP” too early, instruct them to select “NO” to return to the recording.

At the end of the recorded exercises, you will direct the student to check that their performances recorded properly.

**When you hear “End of recording,” stop the master CD, and say:**

- If you have not done so select “STOP” now. You will be prompted to confirm that you want to stop the recording. Select “YES.”

- Next you will listen to your recording. During playback use the slider bar to listen to brief portions of your recording to confirm that your sight-singing responses for both melodies were recorded. Select “PLAY” now.

**Give the student time to listen to their playback, then say:**

- If you could hear your voice, select “CONTINUE.” If not, do not touch the Chromebook and let me know so I can assist.

  | If a student couldn’t hear their recording, replay the recording by sliding the playback bar to the far left. |
  | **If you can hear the recording:** |
  | Select “CONTINUE” and the recording will directly upload to the DAS portal through your Wi-Fi connection. |
  | **If the recording is inaudible:** |
  | Have the student repeat the sight-singing exercises immediately. See the “Recording Is Inaudible” troubleshooting instructions on page 217. |

Once a student selects “CONTINUE,” the DAC app will attempt to upload the student’s recording. If successful, the screen will display: “Success!”

**Say:**

- If you see a “Success!” message, select “DONE.”

After the student selects “DONE,” the DAC app will reset and be ready to test any additional students.

**Say:**

- If you didn’t get a “Success!” message, don’t touch the Chromebook. Let me know so I can assist.

  | If “Upload error” appears, label the affected Chromebook. After students are dismissed, reference the “Upload Error” section in the Troubleshooting Instructions on page 217. |

Once you’ve confirmed that the student’s recording is correct, collect the student’s exam materials and the AP ID label sheet. Check that the student has placed an AP ID label on their orange booklet.

Now see page 217 to continue with instructions for dismissing students.
Troubleshooting Instructions

Recording Is Inaudible—Student must be retested
If any student’s recording is inaudible or either of their responses did not record, the student must re-record both tasks.

To unlock the app and allow the student to re-record, you need the CD case for the master sight-singing CD. The back of the CD case has a barcode label needed to unlock the Chromebook screen. Once you have the CD case:

1. Enter the “Proctor Code,” the six-digit barcode on the back of the CD case. Then select “SUBMIT.”
2. Select “RE-RECORD.” This will take you back to the “Record AP ID” screen.
3. Begin re-administering the sight-singing portion, beginning with the AP ID recording step on page 215.

Upload Error
Instruct your tech staff to not pull the DAC app from the devices until all files are uploaded to the DAS portal. If there is a problem uploading any student’s file to the DAS portal and the school is using Chromebooks in a one-to-one environment, the device the student used for recording must not be returned to the student until the file is successfully uploaded.

If there is an upload error message, you may try to upload the files immediately. On the Upload Error screen, enter the proctor code at the bottom of the screen. (The proctor code is the six-digit barcode on the back of the master sight-singing CD case.) Then, select “SUBMIT.”

The Upload Status screen will appear. Select “UPLOAD SAVED FILES.” If you still receive an upload error, you may try uploading again later. The files will be saved on the Chromebook until they are uploaded as long as the DAC app remains on the device. Refer to the 2019-20 DAC App Overview for details.

A Wi-Fi connection must be established to upload saved files. Once you’ve established a Wi-Fi connection, proceed to upload saved files. If you’ve followed the steps in the DAC App Overview and are still unable to upload the files, call AP Services for Educators (Monday–Friday) at 877-274-6474 (toll free in the U.S. and Canada) or 212-632-1781.

STOP Part B, Sight Singing: DAC App on Chromebook

START Dismissing Students

After you’ve collected the student’s exam materials and AP ID label sheet, say:

Remember, if you need to view your AP ID, you can do so by signing into “My AP.” Instructions are in the 2019-20 Bulletin for AP Students and Parents. . . .

You can have one AP score report sent for free. If you haven’t already done so, it’s important that you sign in to “My AP” later to indicate the college or university that you’d like to receive your free score report. The deadline to indicate or change your free score report recipient is June 20.
If you are giving the regularly scheduled exam, say:
You may not discuss or share the free-response exam content with anyone unless it is released on the College Board website in about two days. Your AP Exam scores for this year will be available online in July.

If you are giving the alternate exam for late testing, say:
None of the content in this exam may ever be discussed or shared in any way at any time. Your AP Exam scores for this year will be available online in July.

When all exam materials have been collected and accounted for, return to students any electronic devices you may have collected before the start of the exam.

Then say:
You are now dismissed.

As each student is dismissed, make sure there is no contact between students who are waiting to take the sight-singing part of the exam and those who have already taken it.

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**After-Exam Tasks**

Return the AP ID label sheets to the AP coordinator so the label sheets can be organized for each upcoming exam administration. Keep in mind that the schedule printed on the label sheet may not reflect recent changes to a student’s exam schedule. If you need to confirm a student’s exam schedule, reference the AP coordinator’s master exam list.

**REMINDER:** The orange booklets must be returned with the rest of your exam materials.

Be sure to give the completed seating chart to the AP coordinator. Schools must retain seating charts for at least six months (unless the state or district requires that they be retained for a longer period of time). Schools should not return any seating charts in their exam shipments unless they are required as part of an Incident Report.

**NOTE:** If you administered exams to students with accommodations, review Part 2 of the 2019-20 AP Coordinator’s Manual and the 2019-20 AP SSD Guidelines for information about completing the Nonstandard Administration Report (NAR) form and returning these exams.

The exam proctor should complete the following tasks if asked to do so by the AP coordinator. Otherwise, the AP coordinator must complete these tasks:

- Complete an Incident Report for any students who used extra paper for the free-response section. (Incident Report forms are provided in the coordinator packets sent with the exam shipments.) **These forms must be completed with a No. 2 pencil.** It is best to complete a single Incident Report for multiple students per exam subject, per administration (regular or late testing), as long as all required information is provided. Include all exam booklets with extra sheets of paper in an Incident Report return envelope (see page 281).

- Return all exam materials to secure storage until they are shipped back to the AP Program. (See pages 24–25 of Part 2 of the 2019-20 AP Coordinator’s Manual for more information about secure storage.)
START Saving, Naming, Uploading, and Submitting Student-Response Files

DEADLINE: You must upload and submit sight-singing responses as soon as possible, preferably directly following the exam, but no later than the close of the next business day after your school's last scheduled exam of a particular AP Exam administration period (i.e., regular or late). Submitting files after this point could result in score delays.

Follow these directions if students recorded using a digital language lab, computer with MP3 software, or handheld digital recorder. If students recorded using the DAC app running on iPad or Chromebook, go to the instructions on page 221.

Saving and Naming Files: Digital Language Lab, Computer with MP3 Software, and Handheld Digital Recorder

When students have been dismissed, begin the process of saving the files for return to the AP Program.

IMPORTANT: Do not save responses to the two individual melodies as separate files. Save the entire student response as a single file. Do not save any other student identification on the file. If any student recorded multiple files instead of a single file, and has already been dismissed, call AP Service for Educators (Monday–Friday) at 877-274-6474 (toll free in the U.S. and Canada) or 212-632-1781 or email apexams@info.collegeboard.org (apexams-intl@info.collegeboard.org for schools outside the U.S.).

Saving and Naming Files: Digital Language Lab

Follow the lab manufacturer's directions for collecting and saving each student's file in MP3 format. Some labs automatically name the files according to the student station number. If this is the case, you must:

1. Save each file in MP3 format, and
2. Name each file with the student's AP ID, underscore, and exam form letter. An example of a correctly named file is WXYZ1234_O. Do not include any additional information on the student's file or in the filename.

Saving and Naming Files: Computer with MP3 Software

Follow your software manufacturer's directions for exporting and saving each student's file in MP3 format onto your network drive. You must:

1. Save each file in MP3 format, and
2. Name each file with the student's AP ID, underscore, and exam form letter. An example of a correctly named file is WXYZ1234_O. Do not include any additional information on the student's file or in the filename.

Saving and Naming Files: Handheld Digital Recorder

Follow your device manufacturer's directions for connecting the device to a computer and transferring each student's file in MP3 format onto your network drive. You must:

1. Save each file in MP3 format, and
2. Name each file with the student's AP ID, underscore, and exam form letter. An example of a correctly named file is WXYZ1234_O. Do not include any additional information on the student's file or in the filename.

Uploading and Submitting Files Recorded via Digital Language Lab, Computer with MP3 Software, and Handheld Digital Recorder

IMPORTANT: AP coordinators and any additional staff designated to upload and submit files must have a DAS portal account. All accounts on the DAS portal are school
specific and controlled by the school AP coordinator. When the DAS portal is available for 2020, the AP coordinator at the school will be notified and provided the necessary information to access the portal. Once the AP coordinator establishes access, the coordinator will receive a confirmation email that includes a school-specific code for creating additional accounts at the school. With this code and the six-digit school code, school staff can create individual accounts on the system tied to their school by going to apaudio.ets.org.

(NOTE: Because AP French, German, Italian, and Spanish Language and Culture teachers and AP Music Theory teachers cannot have any access to student recordings, these teachers are not permitted to have DAS portal accounts or any access to the DAS portal. Teachers can still serve as proctors for exams in a subject area other than the one in which they teach or have taught.)

For detailed, step-by-step instructions on using the DAS portal and a list of frequently asked questions, please consult the “Help” document on the DAS portal: apaudio.ets.org.

You are ready to begin the online upload and submission process once you have:

1. Each student’s response (spoken AP ID and both sight-singing responses) saved as a single file in the MP3 format and named as the student’s AP ID, an underscore, and the form (e.g., WXYZ1234_O),
2. A computer with access to the folder where the files are saved and with a reliable connection to the internet,
3. An account on the DAS portal, and
4. Students’ orange booklets. (You will need these to flag any students who did not grant permission to College Board to use their recorded responses for educational research and instructional purposes.)

To begin the upload and submission process:

1. Access the DAS portal (apaudio.ets.org) using a computer with internet connectivity, and log in with the username and password you created earlier.
2. Select the AP Music Theory Exam, and click “UPLOAD” to begin the process.
3. The system will prompt you to select the correct form to upload. Open the folder on the computer where the students’ MP3 files are saved. Select the files, and upload.
4. Confirm each student’s permission for College Board to reproduce recorded responses as indicated on the students’ orange booklets. Students who did not grant permission were instructed to indicate “NO” on the orange booklet. For these students, select the “Denied” option.
5. Once you’ve confirmed that all files are accounted for, and that those for which students did not grant permission have been marked, select the files and click “SUBMIT” to submit the files for scoring.

DEADLINE: You must upload and submit sight-singing responses as soon as possible, preferably directly following the exam, but no later than the close of the next business day after your school’s last scheduled exam of a particular AP Exam administration period (i.e., regular or late). Submitting files after this point could result in score delays.

Return all exam materials to secure storage until they are shipped back to the AP Program. (See pages 24–25 of Part 2 of the 2019-20 AP Coordinator’s Manual for more information about secure storage.) Refer to page 218 for the tasks you need to complete before storing materials.
Submitting Files: DAC App Running on iPad or Chromebook

The DAC app directly uploads files to the DAS portal. The coordinator or other authorized staff person then needs to log in to the DAS portal to submit the files.

For detailed, step-by-step instructions on this process and a list of frequently asked questions, please consult the “Help” document on the DAS portal: apaudio.ets.org.

To begin the submission process:

1. Access the DAS portal (apaudio.ets.org) using a computer with internet connectivity, and log in with the username and password you created earlier.

2. Within the AP Music Theory Exam panel, click “ACCESS FILES” to access the files that were uploaded.

3. Confirm that the number of uploaded files matches the number of students who took the AP Music Theory Exam and the file names match the AP ID labels placed on the orange booklets. **NOTE:** Responses recorded using the DAC app running on iPad will have the file extension .m4a and not .mp3. This is correct for DAC app responses recorded on iPad and you may proceed to submit these .m4a files.

4. You may want to play the beginning of each file to confirm the spoken AP ID matches the first eight digits of the file name.

5. Once you’ve confirmed that all files are accounted for, select the files and click “SUBMIT” to submit the files for scoring.

**DEADLINE:** You must submit sight-singing responses as soon as possible, preferably directly following the exam, but no later than the close of the next business day after your school’s last scheduled exam of a particular AP Exam administration period (i.e., regular or late). **Submitting files after this point could result in score delays.**

Return all exam materials to secure storage until they are shipped back to the AP Program. (See pages 24–25 of Part 2 of the 2019-20 AP Coordinator’s Manual for more information about secure storage.) Refer to page 218 for the tasks you need to complete before storing materials.

STOP Saving, Naming, Uploading, and Submitting Student-Response Files
Master CD Track List

Following is a list of the tracks for the Master Listening (Section I, Part A; Section II, Part A) and Master Sight-singing (Section II, Part B) CDs. The list includes the track number/title, the approximate length, and a brief description. This list may be used in the following instances:

1. If interruption of a specific part of the exam administration necessitates stopping the CD for a time, consult the list to return to the appropriate track to continue the exam.
2. The list may be photocopied for use by proctors administering exams to students who have been approved by the College Board SSD office to test using extended time.

Master Listening CD: Tracks for the Listening Part of AP Music Theory Exam

<table>
<thead>
<tr>
<th>Track Number/Title</th>
<th>Duration (Min:Sec)*</th>
<th>Track Content</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Track 1: Section I, Part A</strong></td>
<td>(45:30)</td>
<td>Instructions for the section; each question set is introduced with brief instructions followed by timed silence for reading; then prompts and timed silence for responding to questions</td>
</tr>
<tr>
<td><strong>Track 2: Section II, Part A</strong></td>
<td>(22:44)</td>
<td>Each question or question set is introduced with brief instructions, followed by a prompt, which is repeated several times, separated by timed silence for responding to the question(s)</td>
</tr>
<tr>
<td><strong>Track 3: General Instructions—Section II, Part B, Sight Singing</strong></td>
<td>(02:17)</td>
<td>Instructions for sight-singing questions</td>
</tr>
</tbody>
</table>

*Timing may vary slightly depending on the form of the exam.

Master Sight-Singing CD: Tracks for the Sight-singing Part of AP Music Theory Exam

<table>
<thead>
<tr>
<th>Track Number/Title</th>
<th>Duration (Min:Sec)*</th>
<th>Track Content</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Track 1: Section II, Part B—Sight-Singing Questions</strong></td>
<td>(05:54)</td>
<td>Instructions for the section; instructions for the question and the starting pitch followed by timed silence for practice; announced time to perform with timed silence for performance; brief instructions to stop recording</td>
</tr>
<tr>
<td><strong>Track 2: General Instructions—Section II, Part B, Sight Singing</strong></td>
<td>(02:17)</td>
<td>Instructions for sight-singing questions</td>
</tr>
</tbody>
</table>

*Timing may vary slightly depending on the form of the exam.