
MP3 PLAYER

Question 3: MP3 PLAYER

CP043Q03

The bottom row of the MP3 player shows the settings that you have chosen. Decide whether each of the following statements about the MP3 player is true or false. Select “True” or “False” for each statement to show your answer.

Statement	True or False?	
You need to use the middle button (⊙) to change the type of music.	True	False
You have to set the volume before you can set the bass level.	True	False
Once you have increased the volume, you can only decrease it if you change the type of music you are listening to.	True	False

SCORING

QUESTION INTENT:

Description: Understand a menu system of a device.

Nature of Problem Situation: Interactive

Problem Solving Process: Exploring and Understanding

Context: Technology, Personal

Full Credit

All three correct: True, False, False, in that order.

No Credit

Other responses.

Question 2: MP3 PLAYER

CP043Q02

Set the MP3 player to Rock, Volume 4, Bass 2.

Do this using as few clicks as possible. There is no RESET button.

SCORING

QUESTION INTENT:

Description: Control a system to achieve a given outcome.

Nature of Problem Situation: Interactive

Problem Solving Process: Planning and executing

Context: Technology, Personal

Full Credit

MP3 player is set in 13 clicks or less so that the bottom row reads: Rock, 4, 2

Partial Credit

MP3 player is set in more than 13 clicks so that the bottom row reads: Rock, 4, 2

No Credit

Other responses.

Question 1: MP3 PLAYER

CP043Q01

Shown below are four pictures of the MP3 player's screen. Three of the screens cannot happen if the MP3 player is working properly. The remaining screen shows the MP3 player when it is working properly.

Which screen shows the MP3 player working properly?

**SCORING**

QUESTION INTENT:

Description: Demonstrate that a correct mental representation of a system has been formed

Nature of Problem Situation: Interactive

Problem Solving Process: Representing and formulating

Context: Technology, Personal

Full Credit

B.

No Credit

Other responses

Question 4: MP3 PLAYER

CP043Q04 – 0 1 9

Describe how you could change the way the MP3 player works so that there is no need to have the bottom button (◀). You must still be able to change the type of music, and increase or decrease the volume and the bass level.

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SCORING

QUESTION INTENT:

Description: Suggest a modification to the design of a menu system of a device

Nature of Problem Situation: Interactive

Problem Solving Process: Monitoring and reflecting

Context: Technology, Personal

Full Credit

Gives an answer that describes how the MP3 player could still operate with only one arrow button.

No Credit

Other responses.