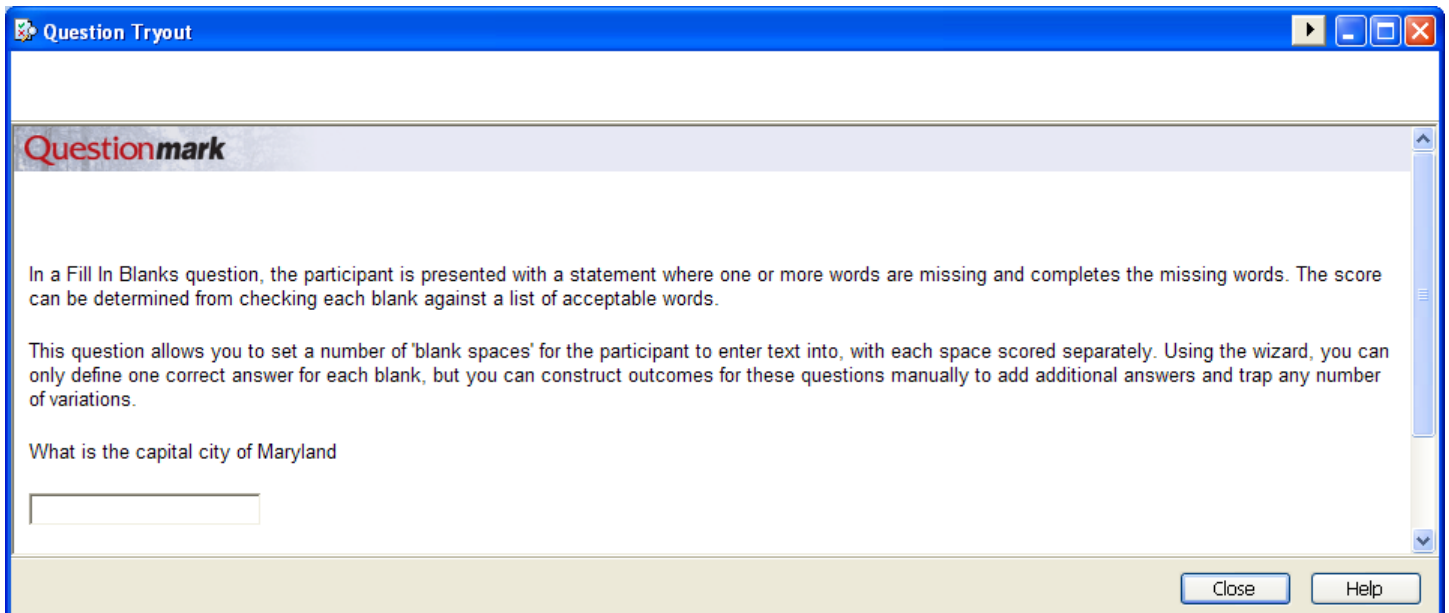


## Different Question Types available in Questionmark Authoring Manager

In addition to the traditional True/False, Multiple Choice, Yes/No, and Likert scale questions, the following are also available upon request using Questionmark Authoring Manager. Keep in mind that images, graphs, and video clips may be added to most question types.

### Fill in the blank(s):

- Text is entered into the blank space(s), with each space scored separately.
- Case sensitivity can be set.
- May have one or more words per blank.
- Words have to be spelled correctly by the participants to obtain points. You may add variations of the spelling (e.g. for Annapolis, may allow annapolis, anapolis, annapollis) and the word order (e.g. Annapolis Maryland or Maryland Annapolis), but unless one of these variations is selected, **NO** credit will be given.
- This question type requires recall of the information and correct spelling (or variations) unlike a multiple choice question where students can eliminate choices or identify a response they have seen before. You may have partial or "all or none" grading.



## Questionmark

In a Fill In Blanks question, the participant is presented with a statement where one or more words are missing and completes the missing words. The score can be determined from checking each blank against a list of acceptable words.

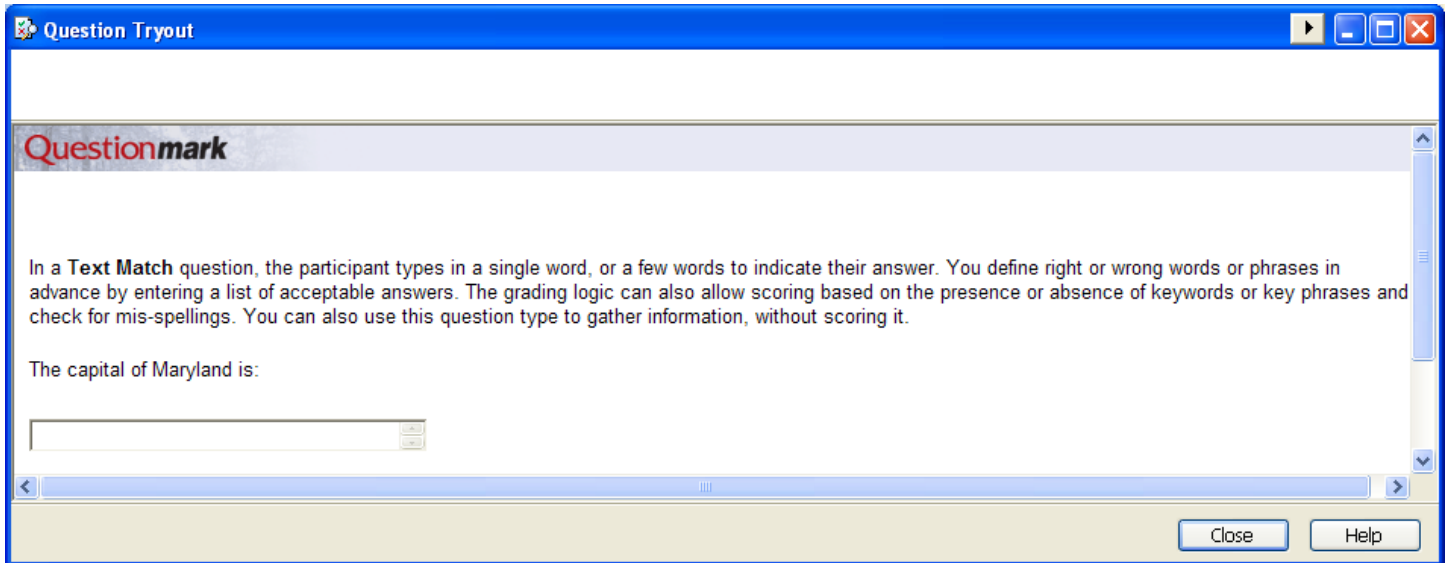
This question allows you to set a number of 'blank spaces' for the participant to enter text into, with each space scored separately. Using the wizard, you can only define one correct answer for each blank, but you can construct outcomes for these questions manually to add additional answers and trap any number of variations.

Table salt is made up of the elements Na and Cl. Na stands for

and Cl for .

### Text Match/Short Answer:

- Similar to fill in the blank but has only one blank.
- May have one or more words.
- Words have to be spelled correctly by the participants to obtain points. You may add variations of the spelling (e.g. for Annapolis, may allow annapolis, anapolis, annapollis) and the word order (e.g. Annapolis Maryland or Maryland Annapolis), but unless one of these variations is selected, **NO** credit will be given.
- This question type requires recall of the information and correct spelling (or variations) unlike a multiple choice question where students can eliminate choices or identify a response they have seen before.
- Item may be "unscored" and used to collect information or scored manually.



### Hotspot question type

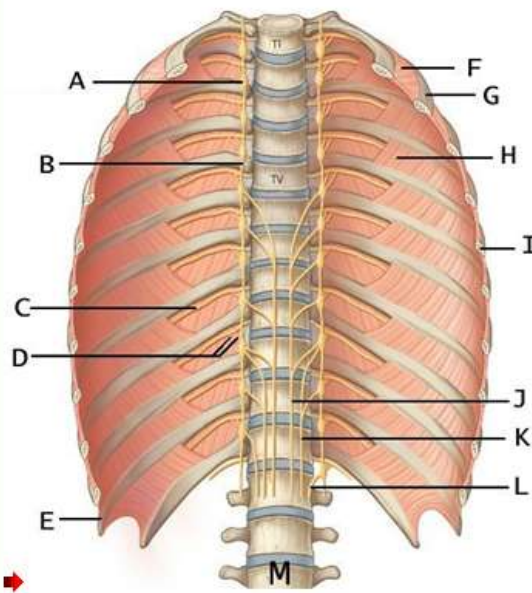
- Need an image where an area needs to be identified.
- Need a marker image to point to the area that needs to be identified.
- Only one hot area can be set in this question.
- Placement of the marker may be set by the mouse to determine the area that will be used to grade the item.
- For multiple hot areas use the "Drag and Drop" question type.

Question Tryout

Questionmark

A **Hotspot** question is a drag and drop question with **ONLY ONE** "hot" area. The participant places a single marker on an image to indicate the answer.

Place the arrow over the **second** cervical vertebrae.



The diagram shows a posterior view of the human ribcage and spine. The vertebrae are labeled with letters: II, IV, and M. The ribs are labeled with letters: A, B, C, D, E, F, G, H, I, J, K, and L. A red arrow points to the second cervical vertebra, which is the vertebra immediately below the skull base.

Close Help

### Drag and Drop question type

- Similar to hot spot question.
- **More than one hot area may be used.**
- **A different marker is needed to identify each hot area.**
- You may have partial or "all or none" grading.

Question Tryout

**Questionmark**


Drag the color of the arrow associated with the tooth structure to be identified.

Red = Upper Right Central Incisor

Blue = Lower Left Central Incisor

Hot Pink = Upper Left Canine

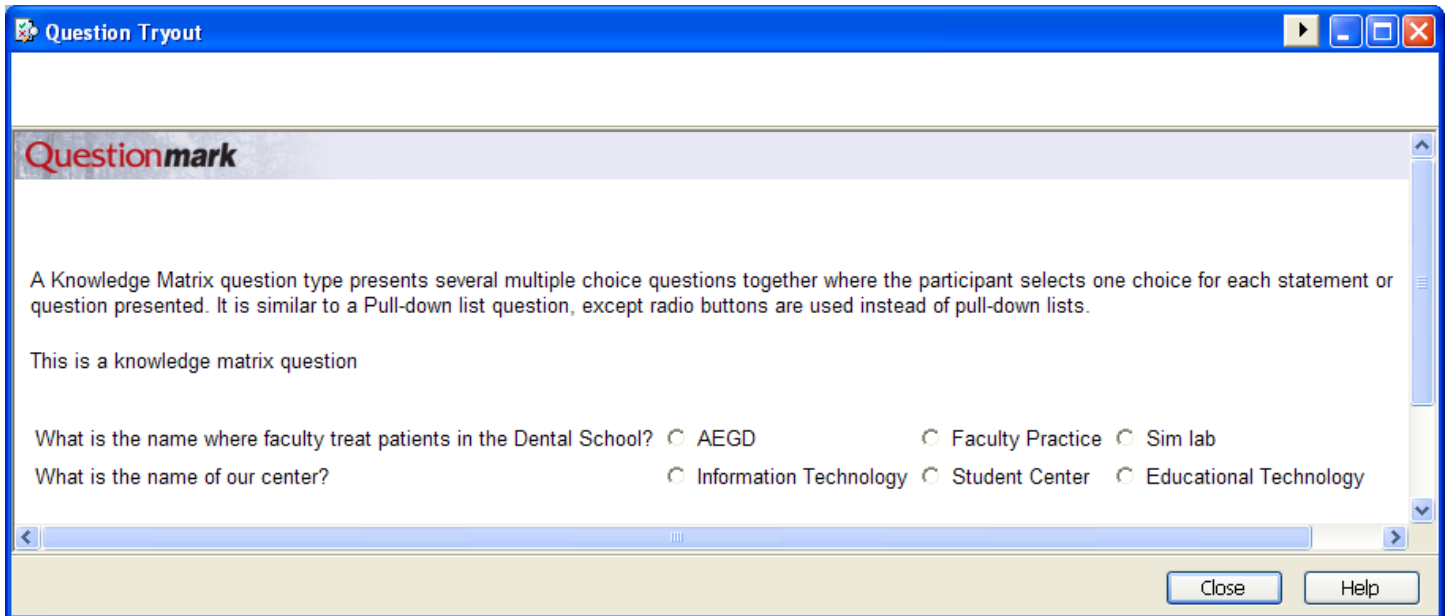
Green = Apex of Upper Left Central Incisor



Close Help

## Knowledge matrix

- Several multiple choice questions presented together.
- Questions are graded separately.
- Similar to Pull Down.
- Good choice where all questions pertain to topic, e.g. viewing an image for multiple characteristics or an abstract.



## Pull down

- Similar to knowledge matrix allowing multiple questions pertaining to information to be presented, in this case using a video clip.
- Answers appear in drop down for each question.

Question Tryout

**Questionmark**

These questions enable you to present a series of items for a number of choices available in a drop-down menu. The user can select from the items for each choice. This question can be used as a multiple statement question, for "True" or "False" questions or to present several multiple choice questions on the same screen.



The Location is:

The Dentist is:

The Patient is:

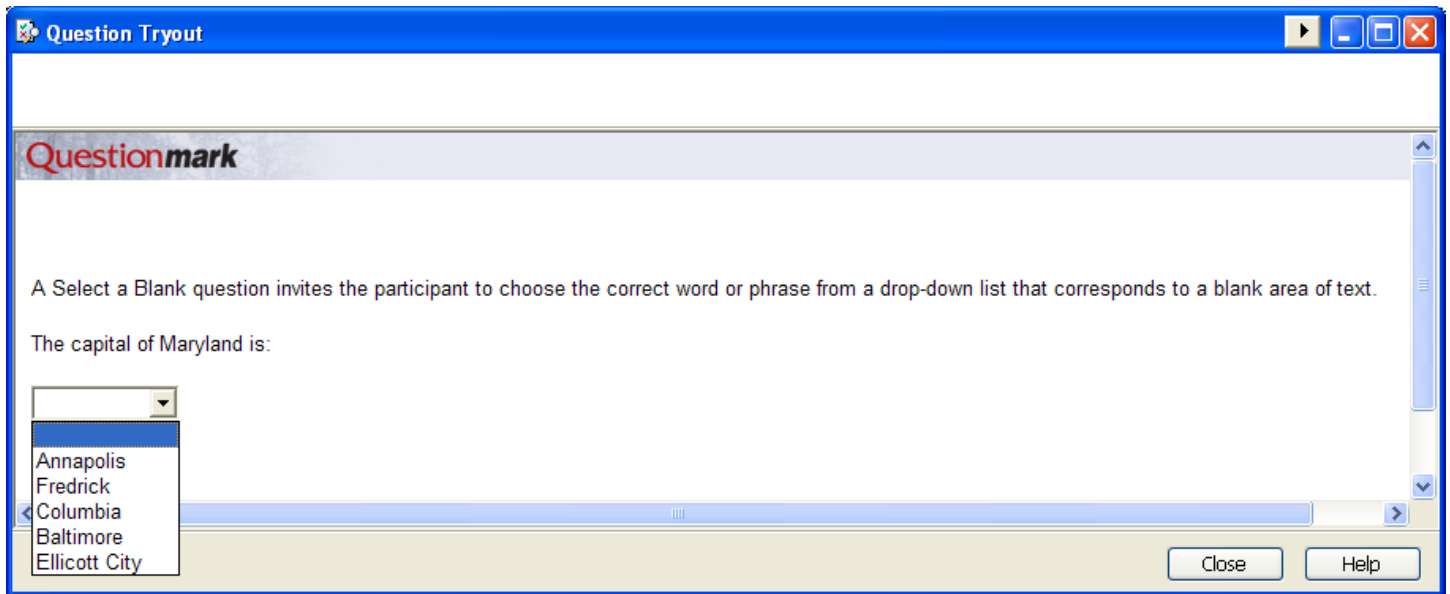
The Equipment is:

Student Center  
Fourth floor  
Hollywood  
Fifth floor

Close Help

## Select a blank

- Similar to pull down.
- Used to present single question and different format for a multiple choice question.



The screenshot shows a software window titled "Question Tryout" with a blue title bar. The main content area has a light blue header with the text "Questionmark" in red and black. Below the header, there is a paragraph of text: "A Select a Blank question invites the participant to choose the correct word or phrase from a drop-down list that corresponds to a blank area of text." This is followed by the question text: "The capital of Maryland is:". Below the question text is a drop-down menu with a white background and a small downward arrow on the right. The menu is open, showing a list of five options: "Annapolis", "Fredrick", "Columbia", "Baltimore", and "Ellicott City". The "Columbia" option is highlighted with a blue background. At the bottom right of the window, there are two buttons: "Close" and "Help".

Questionmark

A Select a Blank question invites the participant to choose the correct word or phrase from a drop-down list that corresponds to a blank area of text.

The capital of Maryland is:

▼

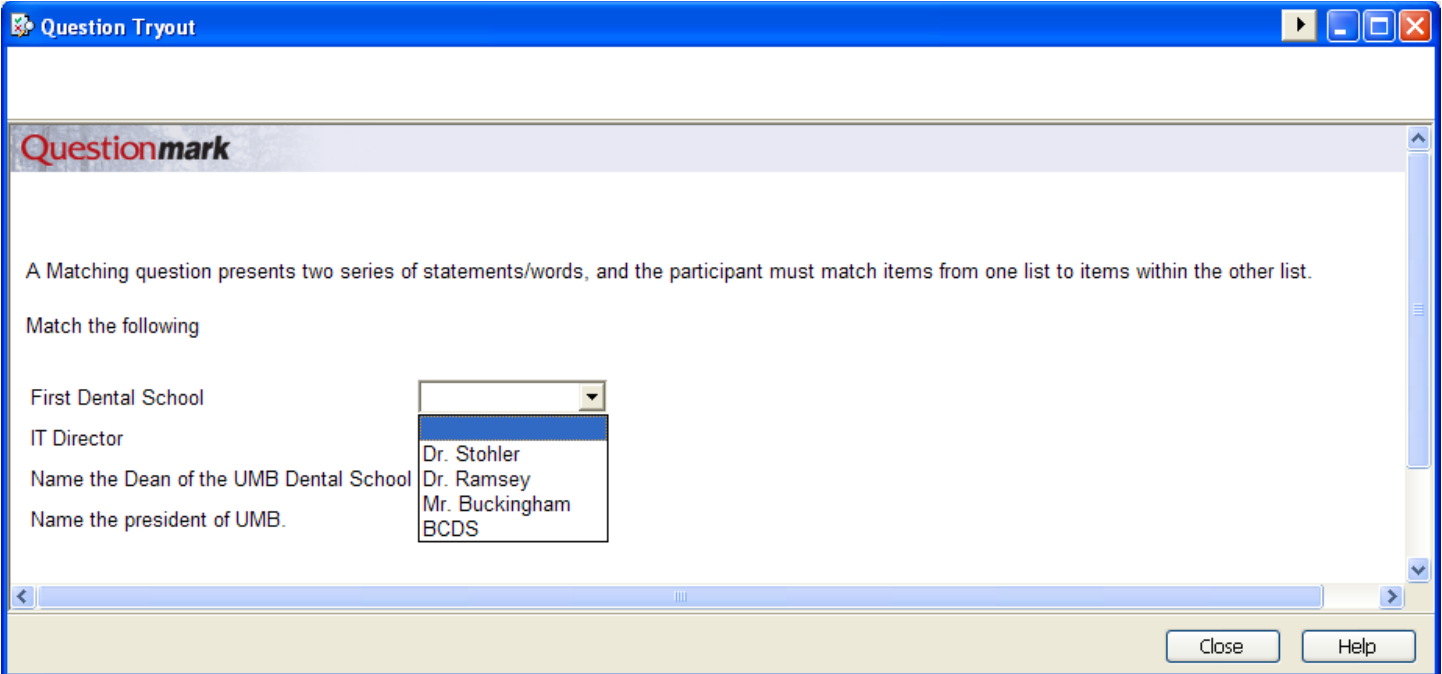
- Annapolis
- Fredrick
- Columbia
- Baltimore
- Ellicott City

Close Help



## Matching

- Similar to knowledge matrix or pull down allowing multiple questions pertaining to information to be presented.



The screenshot shows a software window titled "Question Tryout" with a blue title bar. The main content area has a header "Questionmark" in red and black. Below the header, there is a paragraph: "A Matching question presents two series of statements/words, and the participant must match items from one list to items within the other list." This is followed by the instruction "Match the following".

On the left side, there are four text prompts:

- First Dental School
- IT Director
- Name the Dean of the UMB Dental School
- Name the president of UMB.

On the right side, there is a dropdown menu with a list of options:

- Dr. Stohler
- Dr. Ramsey
- Mr. Buckingham
- BCDS

At the bottom right of the window, there are two buttons: "Close" and "Help".

## Case Based

- Requires students to apply diagnostic ability based on patient history, chart, radiographs, intra- or extra-oral photos.
- Ask ETC staff for examples of this question type.