

Instructions to participants for the learn-by-doing activities:

How to make use of the feedback for learn-by-doing activities?

- For multiple-choice questions, feedback will appear with a red background for incorrect answers and a green background for correct ones.
- For open-ended questions, please enter your response in the SlideItRight feedback system directly below the question. The input box will be displayed on the right side of the embedded SlideItRight web page. And relevant information will be displayed on the left side of the SlideItRight web page.

For practice, you can change your answers multiple times and review the feedback as needed.

Some further details for readers of this document without seeing the UI of the used online learning platform:

The screenshot below shows how participants interact with feedback for multiple choice quizzes.

Assume:

1. Learning is being measured with a post-assessment of transfer such as: If the inlet valve in a different pump remains open when the rod is pushed in, what will happen to the air pressure inside the pump?
2. Students are beginners – closer to novices.

Which of these e-learning cases, A or B, is better for student learning?

☒ B

☐ The answer depends on critical information that is not provided

☐ A

☐ No difference in learning

✔ Correct. [Different Feedback Version]

The screenshot below shows an example of learn-by-doing activity where the SlideItRight interface in OLI Torus platform is intergrated for submitting responses.

Review the sentences below about the application of the multimedia principle.

(1) *An anatomy lesson on locating and naming the bones of the human body that includes an image of the human skeleton.*

The lesson described above is a violation or a good application of the multimedia principle? Please explain why.

MuFIN: Information Retrieval

Feedback:
No feedback yet

Reference:
No reference available
No slide page available

Question [View](#)

Preloaded question available.

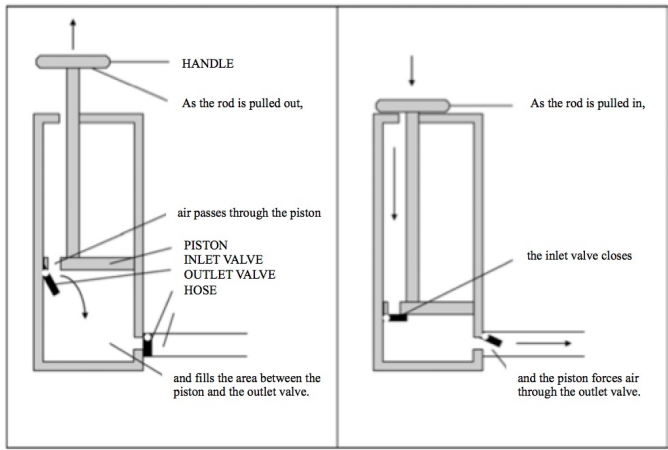
Answer

The lesson described above is a good application of the multimedia principle because it uses a relevant image.

Saved

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Question List

LO	Describe the multimedia principle and why it is effective for learning
Question Type	Multiple Choice
Prompt	<p style="text-align: center;">How a Bicycle Pump Works</p> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>A.</p> <p>As the rod is pulled out, air passes through the piston and fills the area between the piston and the outlet valve. As the rod is pushed in, the inlet valve closes and the piston forces air through the outlet valve.</p> </div> <div style="width: 45%;"> <p>B.</p>  </div> </div> <p>Assume:</p> <ol style="list-style-type: none"> 1) Learning is being measured with a post-assessment of transfer such as: If the inlet valve in a different pump remains open when the rod is pushed in, what will happen to the air pressure inside the pump?. 2) Students are beginners -- closer to novice. <p>Which of these e-learning cases, A or B, is better for student learning?</p>
Choices	<p>A. A</p> <p>B. B</p> <p>C. No difference in learning</p> <p>D. The answer depends on critical information that is not provided</p>

LO	Describe the multimedia principle and why it is effective for learning
Question Type	Open Ended
Prompt	(follow up) Why the selected e-learning cases is better for student learning? Please answer and get feedback in the SlideItRight Feedback System below the question.

LO	Describe the multimedia principle and why it is effective for learning
Question Type	Multiple Choice
Prompt	(follow up) The above e-learning example shows a lesson on how a bicycle pump works.

	Various principles may be illustrated in this example, but what is the primary principle being applied?
Choices	<p>A. Personalization</p> <p>B. Multimedia</p> <p>C. Faded worked example</p> <p>D. Coherence</p>

LO	Describe the multimedia principle and why it is effective for learning
Question Type	Open Ended
Prompt	(follow up) How does the primary principle being applied in the above e-learning example? Please answer and get feedback in the SlideItRight Feedback System below the question.

LO	Describe the multimedia principle and why it is effective for learning
Question Type	Multiple Choice
Prompt	(follow up) How does the principle you chose for the lesson on how a bicycle pump works facilitate better learning?
Choices	<p>A. By increasing generative processing</p> <p>B. By decreasing generative processing</p> <p>C. By decreasing extraneous processing</p> <p>D. By increasing extraneous processing</p>

LO	Recognize when the multimedia principle has been violated and when it has been applied well
Question Type	Multiple Choice
Prompt	<p>Fill in the sentences below about the application of the multimedia principle.</p> <p><i>A history lesson on the original thirteen colonies with a graphic of The British flag to represent America's separation from Great Britain.</i></p> <p>The lesson described above is a [Dropdown 1] of the multimedia principle because it uses a [Dropdown 2] image.</p>
Choices	<p>Dropdown 1:</p> <p>A. good application</p> <p>B. violation</p> <p>Dropdown 2:</p> <p>A. relevant</p>

	A. decorative
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LO	Recognize when the multimedia principle has been violated and when it has been applied well
Question Type	Multiple Choice
Prompt	<p>Fill in the sentences below about the application of the multimedia principle.</p> <p><i>A chemistry lesson on the six inert gases with an image of an explosion resulting from a chemical reaction of a gas under pressure.</i></p> <p>The lesson described above is a [Dropdown 1] of the multimedia principle because it uses a [Dropdown 2] image.</p>
Choices	<p>Dropdown 1:</p> <p>A. good application</p> <p>B. violation</p> <p>Dropdown 2:</p> <p>A. relevant</p> <p>B. decorative</p>

LO	Recognize when the multimedia principle has been violated and when it has been applied well
Question Type	Open Ended
Prompt	<p>Review the sentences below about the application of the multimedia principle.</p> <p><i>An anatomy lesson on locating and naming the bones of the human body that includes an image of the human skeleton.</i></p> <p>The lesson described above is a violation or a good application of the multimedia principle? Please explain.</p>

LO	Recognize when the multimedia principle has been violated and when it has been applied well
Question Type	Open Ended
Prompt	<p>Review the sentences below about the application of the multimedia principle.</p> <p><i>An anatomy lesson on how groups of muscles work together to move the body has an interactive graphic showing different muscle contractions (or extensions).</i></p> <p>The lesson described above is a violation or a good application of the multimedia principle? Please explain.</p>

LO	Recognize when the multimedia principle has been violated and when it has been applied well
Question Type	Open Ended
Prompt	<p>Review the sentences below about the application of the multimedia principle.</p> <p><i>A lesson on blood flow through the heart includes a cross-section graphic of a heart showing the chambers and ventricles with directional arrows.</i></p> <p>The lesson described above is a violation or a good application of the multimedia principle? Please explain.</p>