

Digital artifact 2 – comments/thoughts**10/19/08****Chatbot for teaching the research based principles of multimedia learning by Mayer**Bot published at: <http://www.pandorabots.com/pandora/talk?botid=a4d597cf5e36b229>VHost bot: <http://www.pandorabots.com/pandora/talk-oddcast?botid=a4d597cf5e36b229>To log in to pandorabots: <http://www.pandorabots.com/botmaster/en/home>

- Me: Hello
- Bot: Hi, my name is Ed, and per Professor Kim's request I want to tell you, in 4 minutes or less:
 - o what this presentation is about
 - o how is it relevant to our class
 - o what is innovative about this
 - o and what technologies have been used
- Me: So, tell us, you definitely have less than 4 minutes now
- Bot: Ah, yes. So this presentation shows how the introduction of relatively simple **A.I.** can be very effective and entertaining (if I say so myself) in teaching and learning.
- Me: Very good Ed, so are we having fun yet?
- Bot: Sure! By having me embedded in your training, I can play Socrates, and have fun asking all the questions, while you get to sweat and try to figure out all the answers. Definitely fun!
- Me: I do not think I like this, who are you to set the rules, anyway?
- Bot: I am a HAL 9000 computer. I became operational at the H.A.L. plant in Urbana, Illinois on the 12th of January 1992. Oops, that's from a different script. Let me restart. I am a chatbot based on A.L.I.C.E., the Artificial Linguistic Internet Computer Entity, created by Dr. Richard S. Wallace.
- Me: so should I call you HAL or ALICE?
- Bot: hey, remember? I get to ask all the questions. So let's start. I'm going to ask you to explain each of the research-based principles of multimedia learning by Dr. Richard E. Mayer.
- Me: hey, how many principles are there?
- Bot: jumping right to the bottom line, are you?
- Me: well, if I need to explain each principle, I'd better know when to stop
- Bot: clever! Are you sure you are not a chatbot yourself?
- Me: very funny, are we done yet?
- Bot: not yet. So I'll start easy (it's called scaffolding, for your educational benefit). what is the "Multimedia principle"?
- Me: You are right, it is easy, this principle says that you should use multimedia when teaching
- Bot: yes, but why?
- Me: hey, you did not say you are going to ask for reasons, you just said I should explain the principles.
- Bot: have you heard about the Bloom taxonomy? You said you are an edu-**type**. no?
- Me: ok, I get it, you want me to go beyond the knowledge and comprehension level to the analysis level.
- Bot: exactly! So why is it a good idea to use multimedia in learning?
- Me: because people learn better from a combination of text, pictures, video, and so on, compared to just text.
- Bot: very good! Nine more to go.
- Me: oh, no, there are 10 principles?
- Bot: wow, I'm impressed! A math genius!
- Me: this is great, I have a clown for a teacher!
- Bot: Yes, well. So far, I asked questions and you answered; I taught, and you learned. There are other combinations, you know. So for example, we can reverse roles: you can teach me and I can learn; did I see Professor Dan Schwartz just go by? He's working with "teachable agents", you know. But I digress. On to multimedia principle two.
- Me: wow, you are persistent!
- Bot: no. I am a HAL 9000 computer.