

Computer Dissection Lab

Follow these steps:

- 1) Research the Lenovo T440 - you are looking for information to help you identify the various internal hardware of the computer.
- 2) Unscrew the back cover from the computer.
- 3) Carefully remove the cover and the protective shielding covering the parts
- 4) In order to identify all the parts - you will need to remove various screws or coverings ... carefully!!!
- 5) Try to locate and label the following parts. With research, try to give a brief explanation of what the part does.

Fan: __

Processor (graphics card is built-in on this model): __

RAM (memory): __

Hard Drive: __

BIOS chip: __

WiFi Network Card: __

Internal Battery (there is also a small backup battery): __

Monitor Connection: __

Keyboard Connection: __

****Challenge** a hidden 16GB memory card:** __

EXIT QUESTION:

You are trying to play some really awesome game on Cool Math, but the website continues to spin. You remembered that you have clicked about 15 different buttons on the website while the website was loading. You also noticed that the bottom of the computer feels really really hot.

Using hardware part names, and troubleshooting strategies, explain what you believe the problem is and how you might solve it.