

## **My Mac doesn't boot - What to do**

**There is NO guarantee that any of these pieces of advice will work!**

**If you have warranty left, ALWAYS CONTACT APPLE!!!**

**ALWAYS start a new thread if you can NOT boot!**

### **1. What does it do?**

Can you hear the fans and hard drive and see the white boot screen? Flashing question mark? The circle just runs and nothing happens? Only black screen and nothing else?

Flashing question mark: This is usually a sign of a failed hard drive. This indicates that boot up volume can not be found.

Black screen: This is usually a sign of a failed logic board. There is no single reason for this and this may be caused by failed GPU, screen, CPU or RAM.

Circle of death/no circle: This is usually a sign of a hard drive failure. This may NOT be a sign of a dead hard drive, just broken permissions or something

### **2. What to do**

2.1. SMC reset. Shut down and unplug all cables including power cord for at least 30 seconds and then plug in power cord and keyboard/mouse.

2.2. PRAM reset. Hold down option, command, P and R while booting. Start it when you hear the sound and don't let go before it reboots.

2.3. Safe boot. Hold down shift while booting to boot into safe mode. If this works, open Disk Utility from Utilities and repair your permissions and disk

2.4. Boot from install disk. Boot from the disk that came with your Mac. Hold option while booting and select the disk. Select Disk Utility from top bar and repair permissions and the disk. Reboot normally and see if it works now.

2.5. Reinstall OS X. Boot from install disk as in 2.4 and select Disk Utility again. Now erase the whole hard drive and install OS X again.