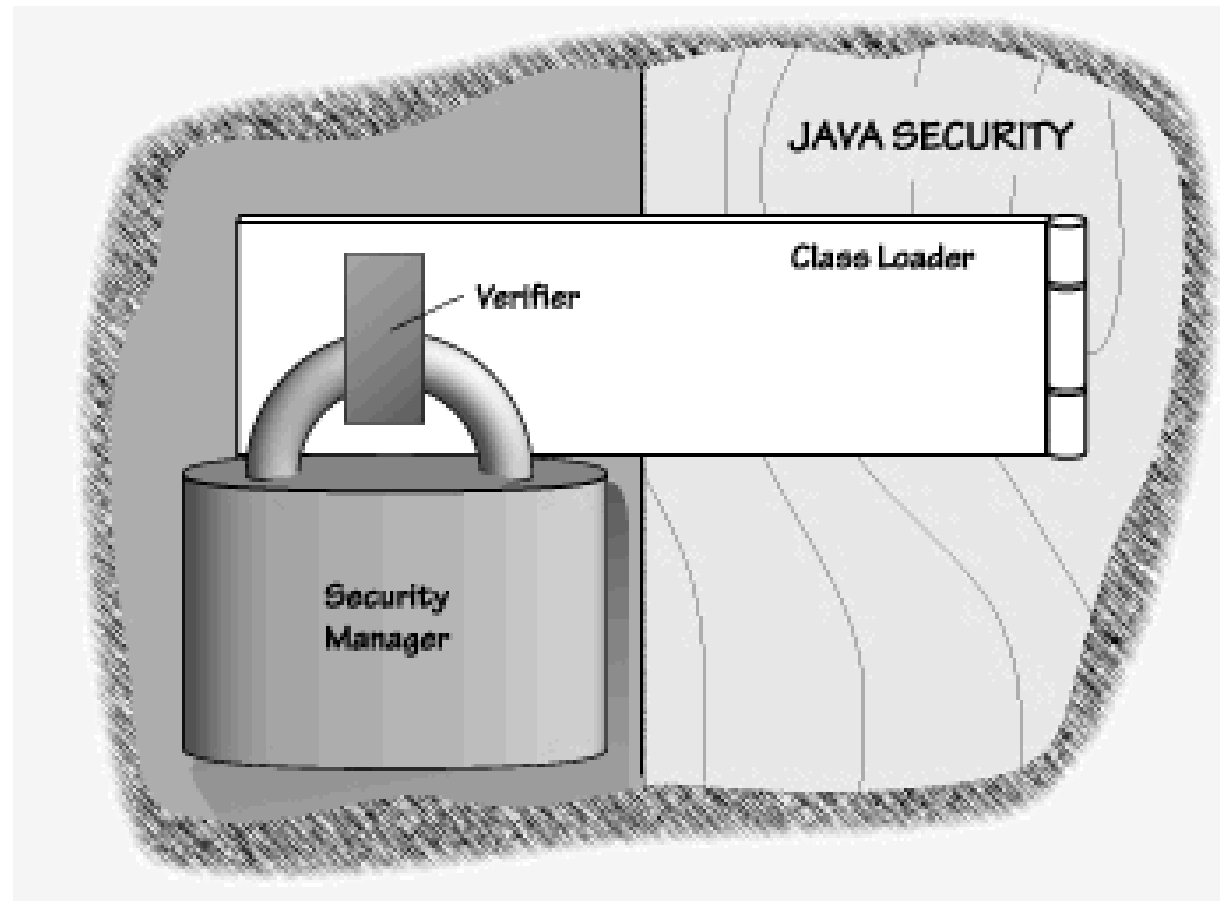


Java Security Model : Uses Sand Box

Java - Sand Box needs three parts :

- ✓ **the Verifier** that helps ensure type safety,
- ✓ **the Class Loader** that loads and unloads classes dynamically from the Java runtime environment, and
- ✓ **the Security Manager** that acts as a security gatekeeper guarding potentially dangerous functionality.



Any External byteCode or classFiles are

1st > Verified by Byte Verifier

2nd > If Verified only then the Class Loader Loads the Class into the JVM.
Else the Security Manager locks such suspicious byte Codes

