Field Trip # 29	**Create a Digital Alarm Clock - Java**
Developed by:	Keith Lynn
Subject:	Create a digital alarm clock in Java
Short description:	In this field trip, the students will learn how to access the system time in a thread so they can display the current time & set a timer so that something happens when a time is reached.
Educational Level:	7^{th} – 12^{th} Grade
Field trip type:	Lecture with Activity
Educational Outcomes:	The student will be able to: • Create a simple thread • Get the system time • Cause something to happen at a time chosen
Notes to instructor:	This is a simple task involving a thread. You can use images of numbers in order to display the clock. It is recommended that this be written ahead of time & demonstrated at the beginning of the field trip. Then the students can be led through development.