NIPISSING
U N I V E R S I T Y

Subject/Course: Java Programming / ICS 3M **Name:** Jennifer Goldik
Grade Level: Grade 11 **Date:** November 25 - 28
Topic: Java Components and Events **Time:** 9:35 am – 10:55 am

1. Pre-Assessment

a) Learners	b) Environment	c) Resources
The students have learned about Java components, and the events that control those components. They also just completed a lesson on the different types of layout managers that they can use in java.	There are about 24 computers, as well as desks in the center of the room. For the lessons I will have the students in their desks, but most of the time will be spent at the computers where they can get hands on experience.	The students will use JCreator to write and compile their code, and use online textbooks and photocopied handouts as reference materials.

Tuesday

2. Expectations / Opportunities	3. Content	4. Strategies a) Rules & Routines	4. Strategies b) Teacher's Role	5. Assessment	6. Reflections
Define problems by identifying the expected output and necessary user input. Write subroutines that pass parameters and use local and global variables.	Today the students are working on Assignment #5. The students should complete their planning sheet within the first 20 minutes of class. They will then move on to start programming this assignment. By the end of the period they should have some of the major methods laid out and programmed.	The students will have to sit at their seats until I have approved their planning sheet. Once approved they can move to the computers to start programming.	I will be circulating around the room to help the students complete their planning, and aid in the programming.	This assignment will be marked at the end of the week according to the rubric attached to the assignment sheet.	Two students were absent, and they are the only ones without a completed planning sheet. Others worked well all period with little discipline needed.

Wednesday

2. Expectations / Opportunities	3. Content	4. Strategies a) Rules & Routines	4. Strategies b) Teacher's Role	5. Assessment	6. Reflections
Write subroutines that pass parameters and use local and global variables. Identify the possibilities and limitations of proposed designs. Trace program execution using manual methods and software debugging tools.	All students must complete their planning sheet before starting to program this assignment today. The rest of the class can start on the computers, and by the end of the period should have the interface programmed, and have most of the code required for the program. Some may even finish the assignment today, and I will have the bonus assignment ready in case some do.	The students who have not completed their planning are not allowed on the computer until they have received approval of their planning sheet. The remainder of the class is expected to remain relatively quiet while working on their assignment.	I will be focused during the beginning of the class to help the two students to finish their planning sheets and get them started on their assignment. After that I will circulate around the room to help with any problems.	This assignment will be marked with the rubric attached to the assignment. The assignment is due by Friday at 12pm. Any completed bonus assignments will be due at the same time.	

Thursday

2. Expectations / Opportunities	3. Content	4. Strategies a) Rules & Routines	4. Strategies b) Teacher's Role	5. Assessment	6. Reflections
Write subroutines that pass parameters and use local and global variables. Identify the possibilities and limitations of proposed designs. Trace program execution using manual methods and software debugging tools.	At the beginning of this class we will start with a review for next weeks test on AWT (graphics, components, and events). By this point in the assignment, most students should have completed their major methods, and be working on debugging the program. Some students should be ready to start on the bonus assignment today, and will be required to do the same type of planning to get all of the bonus marks. At the end of class we will again review what is required in the assignment so that the students can go over their project and make sure that it is complete.	The students will work individually on the assignment at their computers. They will need to stay on task to get the work completed. If students complete and submit their assignment they can start with the planning stage of the bonus assignment.	I will be circulating around the room to help students with problems, but they can also ask for a peers help if I am busy with another student.	This assignment will be marked with the rubric attached to the assignment. The assignment is due by Friday at 12pm. Any completed bonus assignments will be due at the same time.	

Friday

2. Expectations / Opportunities	3. Content	4. Strategies a) Rules & Routines	4. Strategies b) Teacher's Role	5. Assessment	6. Reflections
Trace program execution using manual methods and software debugging tools. Verify solutions to problems. Incorporate and maintain internal documentation to a specific set of standards, including author, date, file name, purpose, and explanatory comments of major statement groups.	All students should have completed by the end of class all components of the assignment. Most will be commenting their code during this period, as they do not do this along the way. The assignment is due in by the end of the common lunch period, so that I can get it marked before heading back to North Bay. I will require a printed copy of the code, and will also be viewing the assignments on the computer to ensure that it runs properly.	The students will work individually on the assignment at their computers. They will need to stay on task to get the work completed. If students complete and submit their assignment they can start with the planning stage of the bonus assignment.	I will be circulating around the room to help students with problems, but they can also ask for a peers help if I am busy with another student.	This assignment will be marked with the rubric attached to the assignment. The assignment is due by Friday at 12pm. Any completed bonus assignments will be due at the same time.	