I. What do we want to learn from this lesson? *(Research Lesson Goals for Teachers)*

Teachers want to learn how to use technology as a tool to enhance content curriculum.

II. The overarching Lesson Study goals are:

1. **To use technology as a tool to organize data into a meaningful result**
2. **To enhance students confidence in their ability to learn and use technology**

Steps of Research Lesson	Students	Teacher	Evidence of student learning/engagement	Observer's Comments: Things to think about for next time
Building a context for the lesson ***(Connecting to meaningful things or previous lesson)***	**Doing:** Listening	**Doing:** "We have all this data. Let's do something with it." "Let's compile and publish our data"	Students are listening and not playing with the computers at this time.	
	Possible Questions or Misconceptions:	**Possible Responses/ Questions to Pose:**		
Laying the framework for the learning experience ***(Launching the activity)***	**Doing:** Listening Turning on computers	**Doing:** Direct students to the handout-explaining steps of lesson and expected outcomes, sample work, and rubric	Listening Opening rows On task at computers	
	Possible Questions or Misconceptions: How is this being evaluated?	**Possible Responses/ Questions to Pose:**		
Engaging students with concepts ***(Exploring, investigating, problem solving)***	**Doing:** Reading handout, asking for help, opening rows for data input	**Doing:** Monitoring Walking around	Inputting Using handouts Peer problem solving	
	Possible Questions or Misconceptions:	**Possible Responses to student questions and/or strategies:**		
Sharing ideas/solutions ***(Whole group, small group, written)***	**Doing:** Talking/Sharing with neighbor	**Doing:** Monitoring Walking around	Using handout Peer problem solving	
	Possible Questions or Misconceptions:	**Possible Responses to student questions and/or strategies:**		

<table>
<tr><td rowspan="2">Closure/Summarizing
(Tying ideas together – summarize what math/ strategies were learned)</td><td>Doing:
Peer review
Teacher Review
Printing</td><td>Doing:
Reviewing 3 steps of lesson:
1. We opened the program and set up the rows.
2. We input out data.
3. We created and printed our graphs for display.</td><td rowspan="2">Saving work to discs
Printing
Properly closing program
Hand in discs and printed graph</td><td rowspan="2"></td></tr>
<tr><td>Possible Questions or Misconceptions:</td><td>Possible Responses/ Questions to Pose:</td></tr>
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