PROFESSIONAL LEARNING PLAN

Teacher Name	Building	Date
Mary Heeringa	*Paul Norton*	*9/1/14*

Names of Other Teachers Involved:

General Focus of the Plan:
Over the next three years I will work to implement technology into math instruction to increase student achievement on first grade math standards.

Specific Goal(s) (Written in a manner that allows for progress to be noted.):
Help students score proficient (80%) or higher on the Iowa Core Math Standards, as measured by formative and summative assessments. Students not meeting the goal on a specific area will be retaught and reassessed.

Rationale for the Plan:

What student learning concerns will this plan address and what data will be used for analyzing the goals and progress?
Student Concerns:
The learning styles and learning needs of my students vary greatly. My plan is to integrate my classroom (math specifically) with more technology in order to meet the needs of all of my students. The goal is to use this technology to increase student math scores.

Data:
I will take data at the beginning of the year from students' enVision pre-test to be used as a baseline. Throughout the years I will take data from daily quick checks, topic tests and unit tests. The data from the topic tests and unit tests will be put into a spreadsheet to check for proficiency of Iowa Core Math Standards. The data I collect will help to determine if the technology being integrated is a successful teaching tool.

How does this plan relate to building and/or district student achievement goals and district career development goals?
The building and district are focused on students meeting the Iowa Core Standards. My plan aligns with this goal by aiding students in meeting these standards.

How will the strategies and activities in this plan lead toward accomplishment of the goal?
The strategies and activities will be implemented into classroom instruction and then the data taken will be analyzed to show progress made toward the goal.

Check the Characteristic(s) of Effective Instruction that provides the focus of this plan:

X	1. Student-Centered Classrooms	X	2. Teaching for Understanding
X	3. Assessment for Learning	X	4. Rigorous and Relevant Curriculum
X	5. Teaching for Learner Differences		

Action Plan with Timeline:

Over the next three years I will:
1. Participate in district provided professional development
2. Attend professional development trainings on technology integration
3. Identify the needs of my students and strategies to best help my students
4. Connect with other educators in the district by working with an instructional coach, my team and model teachers to discover new technologies for the strategies that will help my students
5. Connect with educators outside of the district through graduate work, professional organizations, professional developments and Twitter to create a broad professional learning community
6. Read and study professional literature on technology integration and math instruction
7. On a daily basis integrate technology into the enVision Math curriculum

Resources Needed to Implement the Plan:
1. enVision math curriculum
2. iPad (teacher and students)
3. Computers (teacher and students)
4. enVision pretest
5. Topic tests
6. Unit tests
7. Daily quick checks
8. iPad apps
9. Professional development opportunities

Expected Learning from the Plan:

I expect to:
- learn different ways to instruct my students that will best help them to be successful
- increase my knowledge of technology and its integration into math instruction
- broaden my professional learning community
- find new ways to differentiate my instruction
- effectively evaluate my students and my teaching strategies

Teacher Signature(s) and Date	Evaluator Signature and Date

Copy to be placed in personnel file

Tier II Years One and Two
Annual Update Form – PROFESSIONAL LEARNING PLAN
To Be Completed by Teacher

Teacher Name	Building	Date
Mary Heeringa	Paul Norton	4/20/2015

What progress have you made toward completion of the plan?
I have been implementing new technologies into my classroom during math instruction all year. I have participated in professional development geared toward technology integration including session during the ALA Midwinter Conference, the IASL annual conference, webinars, twitter chats and connecting to other educators through graduate classes. The new technology has included the Splashtop Whiteboard App on my iPad that allows me to control my desktop computer and Promethian Board from anywhere in the classroom. This has allowed me to provide more one on one feedback and assistance to my students. I have also added several new apps to student iPads to allow for more student practice and differentiation.

What are you learning? How did your teaching change?
I am learning how to implement new technologies into my math instruction. These technologies have allowed my teaching to become more student-centered. For example, the use of the Splashtop Whiteboard App allows me to give on the spot formative assessment and guidance/feedback to individual students while continuing whole class instruction. Also, the introduction of student iPads allows me to assign apps to students based on their individual needs.

What impact is this learning having on students? What specifically does your data show?
After taking the enVision 1st grade placement test it showed that 46% of my students were proficient (scoring 80% or higher) coming into first grade on kindergarten skills. By February, 100% of my students were proficient in the Operations and Algebraic Thinking strand. Some students will need reteaching and retesting in the other strands but the percentage of students needing these interventions is decreasing. For the first completed strand of Operations and Algebraic Thinking 8 students needed reteaching and retesting. For the second strand of Number and Operations in Base Ten 5 students needed retesting and reteaching. We are not finished with regular instruction and testing on our final strands of Measurement and Data and Geometry but the data is showing that only 2 students will need reteaching and retesting.

Specifically, what needs to be done to complete the plan?
I will need to continue my current course of action to make sure I am continuing to provide my students with the best resources possible to ensure their learning needs are being met.

Are there any revisions needed? What resources are needed to improve student learning? How will you continue to implement what you've learned?
I would like to have 85% achievement in year two and 90% achievement in year three. No other resources are needed at this time. I will continue to research and connect with other educators to educate myself about new technologies and integration techniques.

Evaluator Comments:

Teacher Signature(s) and Date	*Evaluator Signature and Date*

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Signature of the teacher does not indicate that the teacher agrees with the content of the review, only that he/she received a copy.