Pojoaque Valley School District

District Technology Plan

2014/2015 – 2017/2018 School Years

Pojoaque Valley Schools is dedicated to community both young and old. Our Elders bring wisdom of yesteryear, our Youth bring ideas of tomorrow, and together we adjust to an ever-changing road, while holding to our unchanging principles....

June 2014

PVS Education Technology Department

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Pojoaque Valley School District

District Technology Plan

PLAN TERM: June 2014 – June 2018

Pojoaque Valley Schools:

Is compliant with the provisions of the Children's Internet Protection Act (CIPA) as required by USAC E-Rate program for receiving discounts on Priority One Services.

The District's comprehensive technology plan must be approved by the local school board prior to submission to the Public Education Department.

Date the plan was approved by the local School Board: _____

Approved by: _____

Signature of Superintendent or Authorized School Official: Date of Signature

Name and Title of Technology Manager:

Pierce Jones

Technology Manager

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Pojoaque Valley Public School District

1574 State Road 502 West, Santa Fe, NM 87506

Executive Summary

Pojoaque Valley Public Schools has accomplished much over the last four years. We have moved to a new Student Information System, new online Human Resource Recruitment Process, a revamped social media website, and a new Office Suite capabilities within the cloud-based infrastructure. Four years ago our goal was to move over 90% of our systems to a Cloud-based SAAS systems. And through much hard work this has been accomplished.

Over the next fours years Pojoaque Valley Schools looks to improve curriculum needs to offer more advantageous course offerings for our students. This will be accomplished in two ways: (a) through additional course offerings within the school boundaries and (b) through cooperative agreements using virtual classrooms connected with neighboring school districts. Additionally, PVSD will focus on fine-tuning its infrastructure needs by implementing a new phone and intercom system and a new security system that integrates doors, cameras and transportation within one suite.

The technology plan emphasizes improvement in curriculum needs to students and infrastructure improvements mentioned above plus technology professional development and technology integration into the curriculum. The following narrative provides our plan for progress in this district, goal setting and objectives for implementation.

Vision Statement:

Pojoaque Valley Schools is dedicated to community both young and old. Our Elders bring wisdom of yesteryear, our Youth bring ideas of tomorrow, and together we adjust to an ever-changing road, while holding to our unchanging principles

We believe that:

- ✥ We are bound by unity and commitment to help each student succeed

- ✥ All students are created equal and are a valuable contributor to society

- ✥ Ethical behavior is essential for a healthy educated society

- ✥ Respect of each persons background builds a society of harmony

- ✥ Collaboration is beginning of understanding different cultures and ideals

- ✥ Learning is a life-long process

- ✥ The Pojoaque Family is the core and the foundation of building tomorrow

Mission Statement:

Technology should be transparent, appropriately infused into all relevant aspects of teaching, learning and administration without being obtrusive. All staff members must have the knowledge and skills to incorporate technology into their daily instructional practice. Students must have opportunities to participate in meaningful, real-world applications of technology. Everyone must have access to appropriate up-to-date technology. Most of all, all must practice proper etiquette to align us with building a respectable community of today, while adjusting to tomorrow's technological advances. The technology plan establishes a vision and broad guidelines of where we ought to be today. Such a plan must be flexible in design. This approach must be consistent with principles mentioned above in our Vision Statement.

Technology Committee

Member	Title	Represents
Pierce Jones	Technology Manager	PVS District
Dr. Mel Morgan	Assistant Super	District
Michael Hemperley	Assistant Principal	PVHS
Suzanne Montoya	Teacher	PVHS
Lenore Trujillo	Teacher	PVHS
Chris Pederson	Teacher	PVHS
Vera Trujillo	Principal	PVMS
Amber Quintana	Teacher	PVMS
Theresa Lovato	Teacher	PVMS
Mary Gonzales	Teacher	SGA
Michelle Lucero	Teacher	SGA
Tera Deines	Teacher	PVIS
Darren Escano	Teacher	PVIS
Paula Ewy	Teacher	PRES
Stephanie Martinez	Teacher	PRES
Eva Grant	Teacher	PRES

Section A: Technology Goals

Technology Goal 1: Student Learning: To improve student learning through technology enhanced teaching and enriched learning environments

Technology Goal 2: Information Management: To use technology to make our school district more efficient, productive and secure.

Technology Goal 3: Parent Involvement: To use technology to improve communication between staff/administration and parents.

Technology Goal 4: Professional Development: To provide the right resources to expand the technology curriculum in the classroom by providing professional development to staff. We will collaborate with other school districts, businesses and the Public Education Department to develop and promote such assistance.

These goals set by Pojoaque Valley School District are aligned with the State Technology Plan that call for using advanced technology learning to improve student academic achievement. The New Mexico Council on Technology sets forth goals (listed below) and Pojoaque Valley Schools' Goals are aligned to those goals.

1. Learning is significantly improved, using appropriate technologies, leading to high achievement in State Board of Education adopted content standards.

2. Educators have the capacity to establish student-centered, technology enhanced

Learning environments that result in increased student performance and economic viability.

3. K-12 students and educators in New Mexico public schools have affordable, universal access to high-speed, robust telecommunications, and schools modernized for technology.

4. Funding available to support planning, implementing, and assessing initiatives for integrating technology into New Mexico classrooms and schools.

B.1: Strategies to Improve Academics

- Maintain and upgrade all current networks and hardware insuring standardization and interoperability of hardware and software.

- Identify, acquire, and maintain classroom, school, and district management software.

- Identify and acquire appropriate digital interactive technologies.

- Identify and acquire appropriate assistant (Special Education) technologies.

- Establish expectations, policies, and incentives to encourage teacher/staff participation.

- Provide district and school-level training on district resources accountable to ones daily duties.

- Coordinate and integrate with other parent or community programs that would include involvement from LANL and local business's.

- Establish teacher and administrator proficiency and etiquette with Internet/email, Google Apps, and other applications that create collaboration.

- Create the Education Technology Specialist program that provides the district with a dedicated certified teacher to support the staff with technology integration.

B.2: Strategies to Improve Teacher Development:

- Conduct a New Staff Technology Orientation at the beginning of each school year.

- Provide technology equipment in each classroom to enrich content area instruction, including digital presenters, interactive whiteboards, sound amplification systems, classroom response systems, projectors, mp3 players, etc.

- Create Model Technology Classrooms (MTC) or Technology Enriched Classrooms (TEC) at all grade levels with advanced technology equipment and including team teaching with the Education Technology Specialist.

- Promote and fund teachers and administrators attending state, regional, and national technology integration and content area/curriculum conferences and visiting schools with exemplary technology programs.

- Channel money to the proper teachers who teach technology application in the classroom and provide them with proper on-hands training.

B.3: Strategies to Align Curriculum

- Utilize Math and Reading programs that have online and cloud based technology components.

- Insure that educational software is available in all classrooms and aligns with district initiatives.

- Incorporate e-software into textbook review and adoption.

- Encourage teachers to participate with Education Technology Specialists to integrate technology into the curriculum.

Section C: Collaboration

C.1: Steps to Increase Accessibility

- Provide wireless network and proper Internet access throughout each school.

- Monitor the Technology Help Desk System to decrease downtime for technology issues.

- Expand and fully implement Education Technology Specialist Program at all schools.

- Promote collaboration among the Education Technology Specialists drawing on their individual expertise and collective talents.

- Provide district computer technicians and network specialists to assist Education Technology Specialists with difficult hardware, software, and network issues in a timely and efficient manner.

- Migrate to all cloud-based software to increase accessibility for students and staff.

- Provide videos, lesson plans, photos, quizzes, and student activities on demand through Google,

Skype, TurnItIn.com and YouTube.

C.2: Parental Involvement

⚔ Insure online student progress and attendance information is available on the web via Power School.

⚔ Conduct Internet safety trainings for staff and students

⚔ Conduct online parent surveys from time to time via the district website.

⚔ Communicate with parents via school newsletters posted on the school websites.

⚔ Utilize the School Reach Broadcast system to alert parents of critical information.

⚔ Promote the Parent Teacher Associations (PTA) at each school as a means of gathering community input and assisting in developing and accomplishing technology goals.

C.3: Community/Business Partnership(s)

⚔ Begin the process of working with local vendors on work-study programs to further progress a students path in the technology field

⚔ Work with LANL and Northern New Mexico College on areas of S.T.E.M research and development.

⚔ Work with vendors on using students on low-end project work to help with a sense of making a difference in our schools technology needs.

Section D: Budget Proposal

D.1: Proposed Budget to Address Needs

Pojoaque Valley Public Schools funds the installation, maintenance, and ongoing

Management of technology and telecommunications equipment through the use

of a number of different sources (Operational Funds, E-Rate for Telecommunications, Title II, Title III,

IDEA-B,GO Bonds, Legislative Capital Outlay Funds, Bond Funds, and Grants such as the Los Alamos National Laboratory Foundation).

D.2: Coordination with other resources

Pojoaque Valley Public Schools coordinates projects with technology-related activities using the support of funds from many resources. The Education Technology Department, Business Department and future Curriculum/Academics Department will work closely to implement programs that will integrate technology into the daily instruction and provide students with relevant uses of technology that will engage the students in the learning process. Using the knowledge of district staff, school staff and students in the secondary level combined with input from the parents and the business community, Pojoaque Valley Public Schools is committed to providing its students with real-life examples of the use of technology in today's world. Such use of technology is funded through combining community resources (funding, professional development, or in-kind contributions) with the district's sources of funding. Such coordination provides effective and efficient uses of limited resources. There are two (2) goals for the next two (2) school years to help alleviate the lack of resources.

1. **Apply for more grants from major businesses and non-profits.**
2. **Work in collaboration with local competing school districts to help off-set distance learning objectives and expand the selection of courses to be offered by each school**

Section E: Evaluation Plan and Process

E.1: Integration of Technology into Curriculum

- ✦ Percentages of students and teachers meeting the minimum student and staff technology competencies based on self-assessments, classroom observations, and computer-based training documentation.

- ✦ Percentage of textbook and materials allocations that are devoted to software.

- ✦ Extent to which software is developmentally appropriate and is aligned with the curriculum.

- ✦ Percentages of teachers incorporating technology integration into their PDPs.

E.2: Demonstration of Student Proficiency

- ✦ Percentage of textbook and materials allocations that are devoted to software.

- ✦ Extent to which software is developmentally appropriate and is aligned with the curriculum.

- ✦ Student performance based on technology proficiency, performance based assessments, standardized test scores, examples of student work.

E.3: Installation, Maintenance and Utilization

- ✦ Usage of networking/distance education in instruction.

- ✦ Usage of Google Tools, including email, apps, sites and other collaboration tools

- ✦ Usage of library automation features.

- ✦ School and classroom inventories of technology equipment.

- ✦ Technology equipment up-time/downtime.

- ✦ Annual Information Technology Department Customer Satisfaction Survey.

- ✦ Usage of Interactive Whiteboards, Document readers, Apple Apps and other technologies outlined in the technology plan.

Section F: Technology Coordinator Final Statement

Pojoaque Valley Schools is a place of great warmness and community involvement that would make any school district zealous to have. Pojoaque Valley Schools is a very frugal school district and past accounting practices put Pojoaque Valley ahead in all aspects of education that allow for precise and impacting technologies to be implemented successfully. The commitment from the staff to do better than yesteryear and the current administration to lead and guide the district to another level of standardization is something for all school districts to admire!

Pierce Jones- Technology Manager - 2014