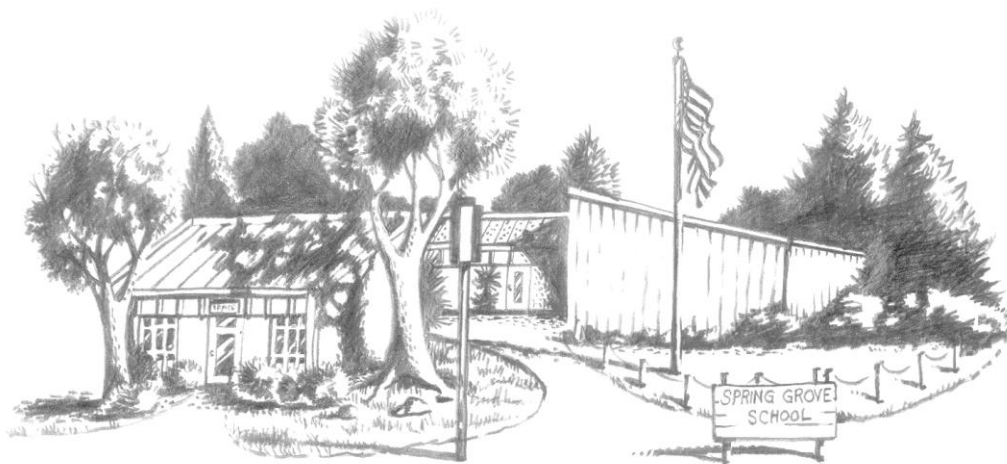

NORTH COUNTY JOINT UNION SCHOOL DISTRICT

TECHNOLOGY PLAN

JULY 1, 20013 – JUNE 30, 2016



North County Joint Union School District Technology Plan July 2013 - June 2016

Approved by Technology Committee:

Approved by School Site Council/District School Leadership Team:

Approved by School Board:

Superintendent: Jennifer Bernosky

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Telephone: 831-637-5574
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Stakeholders in Writing Plan: Jenny Bernosky, Superintendent/Principal; Shannon Hansen, Director, Fiscal Services and Operations; Andrew Parra, Assistant Principal; San Benito County Technology Support Staff and CTAP Representative.

Current status: North County Joint Union School District houses a library/computer lab with 32 student computers and two (2) teacher computers. Of the computers housed in the computer lab sixteen (16) were purchased in 2008 and replacement computers were purchased as follows: eight (8) were purchased in 2011 and eight (8) were purchased in 2012. The district has two mobile carts which house 32 mini laptop computers in each cart. The current software programs utilized are: Microsoft Office Suite 2007, Reading Counts, Oregon Trail 5, Study Island, BrainPop, Discovery Education, Jumpstart (K-2), Ultrakey, and Island Reader (6-8). The library/computer lab contains a digital projector with two 42" flat screen TV/Monitors (purchased in 2008). Students access the library/computer lab with their class once a week with limited access available before/after school and during lunch (6th-8th grades only).

All classrooms contain one teacher computer (purchased in 2012) and at least one student computer, as well as an overhead projection system (primary teachers have interactive pens as well), a document camera, ceiling speakers, and Redcat audio systems. Teachers have computer access 24 hours a day throughout the school year.

Currently technology for home to school communication is available through PowerSchool for all grade levels and approximately 23% of teachers utilize Schoolnotes.com. Communication consists of access to grades, attendance, bulletins, lunch account balances, school wide announcements (i.e. Sports, theater arts, vacations). AESOP web based navigation system has been purchased and is used to report staff absences.

In 2012, four (4) iPads were purchased for administrators. These iPads are used to access the student information system while on campus. Administration utilizes the iPads during their cabinet and board meetings for document review, as well as note taking for miscellaneous meetings.

The Technology Committee will be responsible for monitoring the goals and action steps of this plan. Student achievement goals are based upon NCLB Adequate Yearly Progress Requirements. This plan is an addendum to the District Single Plan for Student Achievement.

Year 1: 2013-2014

Goal 1: By 2013-14 all students will be proficient in English Language Arts (ELA).

Action steps (i.e., strategies) required to implement goal 1:

1. Contract with Data Director in order to analyze ELA California Standards Test (CST) and benchmark assessments to determine interventions, re-teaching and enrichment strategies based upon the results.
2. Contract with software providers to enhance content standards-based curriculum (e.g., Study Island; BrainPop; Discovery Education; Scholastic Reading Counts (K – 8, funding provided by Parent Teacher Organization)
3. Teachers will create lessons with visuals based on ELA standards using web accessed instructional sites.

Budget required to implement and maintain **Goal 1**

1. a. School Plan/Data Management
b. Data Director/Data Analysis
c. Action Learning Systems (Benchmark Assessments)
2. a. Study Island
b. BrainPop
c. Discovery Education

Amount budgeted to implement and maintain **Goal 1**

1. a. School Plan/Data Management
b. Data Director/Data Analysis
c. Action Learning Systems (Benchmark Assessments)
2. a. Study Island
b. BrainPop
c. Discovery Education

How will you **evaluate implementation** of **Goal 1**?

- Contracts/MOUs
- Purchase Orders
- Teacher feedback
- Student Achievement Results: California Standards Test; Benchmark Assessments will increase by 5%. (AYP 2012 = 64.0%)
- Updated Pacing Guides for ELA in all grades

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- Administrative walk through

Year 1: 2013-2014

Goal 2: All students will reach proficiency in Math by 2013 – 14.

Action steps:

1. Contract with Data Director in order to analyze Math CST and benchmark assessments to determine interventions, re-teaching and enrichment strategies based upon the results.
2. Contract with software providers to enhance content standards-based curriculum (e.g., Study Island; BrainPop; Discovery Education).

Budget required to implement and maintain **Goal 2**

1. a. School Plan/Data Management
b. Data Director/Data Analysis
c. Action Learning Systems (Benchmark Assessments)
2. Study Island
a. BrainPop
b. Discovery Education

Amount budgeted to implement and maintain **Goal 2**

1. a. School Plan/Data Management
b. Data Director/Data Analysis
c. Action Learning Systems (Benchmark Assessments)
2. a. Study Island
b. BrainPop
c. Discovery Education

How will you **evaluate implementation** of **Goal 2**?

- Contracts/MOUs
- Purchase Orders
- Teacher feedback
- Student Achievement Results: California Standards Test; Benchmark Assessments will increase by 5%. (AYP 2012 = 67.9%)
- Administrative walk through

Year 1: 2013-2014

Goal 3: NCJUSD will provide professional development to increase technology skills and integration for all staff. Professional development will be provided by the Leadership Foundation Institute (CTAP Region V) Participants and/or vendors.

Action steps:

1. All teachers will participate in a district technology survey to measure their technology skills.
2. Provide professional development for 2nd – 8th grade teachers on web-based and software programs for data analysis (e.g., Data Director).
3. Provide professional development for teachers and paraprofessionals on standards-based curriculum software (e.g., Discovery Education; Study Island; BrainPop; Scholastic Reading Counts).

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4. Provide professional development for all staff in Student Information System (SIS) Management (e.g., PowerSchool).
 5. Provide professional development training for AESOP (on-line substitute system) for all staff.
 6. District/School website navigation training.
 7. Provide professional development on Common Core State Standards (CCSS) with technology integration.
 8. Provide professional development training for administrators (iPad, Data Director, SSchool Plan, PowerSchool, Common Sense Media).

Budget required to implement and maintain **Goal 3**

1. PowerSchool Training
2. Data Director Training
3. San Benito County Office of Education/CTAP Training provided by SBCOE at no charge (e.g. SSchool Plan, iPad, Common Sense Media).

Amount budgeted to implement and maintain **Goal 3**

1. Webmaster Contract
2. SIS Contract
3. SBCOE Tech Support Contract
4. Purchase of Software

How will you **evaluate implementation** of **Goal 3**?

- District technology survey to measure teacher technology skills and to determine professional development needs.
- Sign-in and evaluation sheets; implementation of data analysis by 60% of teachers via survey or program accountability system.
- Sign-in and evaluation sheets; implementation of standards-based curriculum software by 60% of K – 3 teachers and 60% of 4 – 8 teachers via survey or program accountability system.
- Sign-in and evaluation sheets; implementation of SIS Management Software by 100% of teachers via survey or program accountability system.
- Sign-in and evaluation sheets; implementation of Microsoft Office Software by 10% of teachers by teacher survey.

Year 1: 2013-2014

Goal 4: NCJUSD students will develop information literacy skills and increase technology skills.

Action steps:

1. 80% of K -3rd grade students will demonstrate proficiency in keyboarding skills, as measured by a keyboarding program.
2. 80% of 4-8 students will complete a yearly student project that includes the use of research to locate, evaluate, and use effectively the needed information as measured by a rubric.

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3. 80% of 4-8 students will be able to create, format, edit, and revise a simple electronic document and employ organizational features as measured by a rubric.
 4. 80% of 4-8 students will be able to organize, display single variable data, and analyze an appropriate electronic graph or visual representation as measured by a rubric.
 5. 80% of 7-8 students will be able to select and use appropriate tools and technology to perform tests, collect data, display data, and construct appropriate graphs from the data and develop quantitative statements about the relationships between variables as measured by a rubric.
 6. 80% of all students will be provided with at least two lessons as they relate to cyber-citizenship and cyber-safety (Common Sense Media) with supporting documentation.

Budget required to implement and maintain **Goal 4**

1. Purchase new keyboarding program \$3,726.50

Amount budgeted to implement and maintain **Goal 4**

1. Keyboarding program \$3,726.50

How will you **evaluate implementation** of **Goal 4**?

- Keyboard software results
- Lesson plans, Rubrics, and Sample Student projects
- Signed parent/student cyber-safety contract
- Science Fair projects for students Grades 4th – 8th
- Graphing on Excel spreadsheets Grades 4th – 8th
- Copy of lesson plans for cyber-citizenship and cyber-safety

Year 1: 2013-2014

Goal 5: NCJUSD parents will be offered classes to increase their knowledge and skills of technology used at the school site.

Action steps:

1. School staff will provide three technology classes for parents regarding software used at the site:
 - a. Study Island
 - b. BrainPop
 - c. PowerSchool and Schoolnotes
 - d. District/School homepage

Budget required to implement and maintain **Goal 5:** \$400

1. Teacher compensation: \$300
2. Materials and supplies: \$100

Amount budgeted to implement and maintain **Goal 5:** \$400

1. Teacher stipends: \$100/class
2. Materials and supplies: \$100

How will you **evaluate implementation** of **Goal 5?**

- Sign-in sheets
- Professional Development Evaluation Forms
- Purchase Order for supplies

Year 1: 2013-2014

Goal 6: NCJUSD will provide hardware and software to improve student achievement and district to home communication.

Action steps:

1. Apply for e-rate discounts for current phone lines and Internet accounts.
2. Update Acceptable Use Policies
3. Contract with webmaster to update the District Website
4. Contract with SIS Provider for a software program which includes a Report Card, Grade Book, Attendance, Meal Tracker , Announcer, and parent access for student progress (e.g.,PowerSchool)
5. Contract for Technology Support Services (e.g., San Benito COE Tech Support)
6. Continue to purchase and update classroom hardware (e.g., tablets)
7. Contract for AESOP web based navigation site (substitute teacher finder).

Budget required to implement and maintain **Goal 6**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Purchase for Hardware

Amount budgeted to implement and maintain **Goal 6**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Hardware purchases

How will you **evaluate implementation** of **Goal 6?**

- Contracts/MOUs
- Purchase Orders

Year 2: 2014-2015

Goal 1: By 2014-2015 all students will be proficient in English Language Arts.

Action Steps:

1. Contract with a data management system provider in order to provide ELA CCSS common formative assessments to determine interventions, re-teaching and enrichment strategies based upon the results.

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2. Contract with software providers to enhance CCSS curriculum (e.g., Study Island; BrainPop; Discovery Education; Scholastic Reading Counts (K – 8 provided by Parent Teacher Organization)).
 3. Teachers will update pacing guides for ELA using word processing, email and a web portal.

Budget required to implement and maintain **Goal 1**

1. a. School Plan/Data Management
b. Data Management System
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

Amount budgeted to implement and maintain **Goal 1**

1. a. School Plan/Data Management
b. Data Management System
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

How will you **evaluate implementation** of **Goal 1**?

- Contracts/MOUs
- Purchase Orders
- Teacher survey and records of use
- Smarter Balanced Achievement Results
- Updated pacing guides for ELA

Year 2: 2014-2015

Goal 2: All students will reach proficiency in math by 2014-2015.

Action steps (i.e., strategies) required to implement goal 2:

1. Contract with a provider in order to provide Math CCSS common formative assessments to determine interventions, re-teaching and enrichment strategies based upon the results.
2. Contract with software providers to enhance CCSS curriculum (e.g., Study Island; BrainPop; Discovery Education).
3. Teachers will update pacing guides for math using word processing, email and a web portal.

Budget required to implement and maintain **Goal 2**

1. a. School Plan/Data Management
b. Data Management System:
c. Common Formative Assessments
2. a. Study Island
b. BrainPop

c. Discovery Education

Amount budgeted to implement and maintain **Goal 2**

1. a. School Plan/Data Management
b. Data Management System:
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

How will you **evaluate implementation** of **Goal 2**?

- Contracts/MOUs
- Purchase Orders
- Smarter Balanced Achievement Results
- Updated pacing guides for math

Year 2: 2014-2015

Goal 3: NCJUSD will provide hardware and software to improve school to home communication.

Action steps:

1. Apply for e-rate discounts for current phone lines and Internet accounts.
2. Update Acceptable Use Policies
3. Contract with webmaster to update the District Website.
4. Contract with SIS Provider which includes a Report Card, Grade Book, Attendance, and Meal Tracker with parental access available. (e.g., PowerSchool)

Budget required to implement and maintain **Goal 3**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract

Amount budgeted to implement and maintain **Goal 3**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract

How will you **evaluate implementation** of **Goal 3**?

- Contracts/MOUs
- Purchase Orders

Year 2: 2014-2015

Goal 4: NCJUSD students will develop information literacy skills and increase technology skills.

Action steps:

1. 90% of K -3rd grade students will demonstrate proficiency in keyboarding skills, as measured by a keyboarding program.

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2. 90% of 4-8 students will complete a yearly student project that includes the use of research to locate, evaluate, and use effectively the needed information.
 3. 90% of 4-8 students will be able to create, format, edit, and revise a simple electronic document and employ organizational features.
 4. 90% of 4-8 students will be able to organize, display single variable data, and analyze an appropriate electronic graph or visual representation.
 5. 90% of 7-8 students will be able to select and use appropriate tools and technology to perform tests, collect data, display data, and construct appropriate graphs from the data and develop quantitative statements about the relationships between variables.

Budget required to implement and maintain **Goal 4**

No budget is required.

Amount budgeted to implement and maintain **Goal 4**

No budget is required.

How will you **evaluate implementation** of **Goal 4**?

- Keyboard software results
- Lesson plans, Rubrics, and Sample Student projects
- Science Fair projects Grades 4th – 8th
- Graphing on spreadsheets (e.g., Excel) Grades 4th – 8th

Year 2: 2014-2015

Goal 5: NCJUSD parents will be offered classes to increase their knowledge and skills of technology used at the school site.

Action steps:

1. School staff will provide three technology classes for parents regarding software used at the site:
 - a. Study Island
 - b. BrainPop
 - c. PowerSchool and/or Schoolnotes
 - d. District/School homepage

Budget required to implement and maintain **Goal 5:** \$500

1. Teacher compensation: \$300
2. Materials and supplies: \$200

Amount budgeted to implement and maintain **Goal 5:** \$500

1. Teacher compensation
2. Materials and supplies

How will you **evaluate implementation** of **Goal 5**?

- Sign-in sheets
- Professional Development Evaluation Forms

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- Purchase orders for stipend(s)

Year 2: 2014-2015

Goal 6:

NCJUSD will provide hardware and software to improve district to home communication.

Action steps:

1. Apply for e-rate discounts for current phone lines and Internet accounts.
2. Update Acceptable Use Policies
3. Contract with webmaster to update the District Website
4. Contract with SIS Provider for a software program which includes a Report Card, Grade Book, Attendance, Meal Tracker and parent access for student progress (e.g., PowerSchool)
5. Contract for Technology Support Services (e.g., San Benito COE Tech Support)
6. Continue to purchase and update classroom hardware (e.g., multi-media projectors)

Budget required to implement and maintain Goal 6

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Purchase for Hardware

Amount budgeted to implement and maintain Goal 6

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Purchase for Hardware

How will you evaluate implementation of Goal 6?

- Contracts/MOUs
- Purchase Orders

Year 3: 2015-2016

Goal 1: By 2015-2016 all students will be proficient in English Language Arts.

Action Steps:

1. Contract with a data management system provider in order to provide ELA CCSS common formative assessments to determine interventions, re-teaching and enrichment strategies based upon the results.
2. Contract with software providers to enhance CCSS curriculum (e.g., Study Island; BrainPop; Discovery Education; Scholastic Reading Counts (K – 8 provided by Parent Teacher Organization)).
3. Teachers will update pacing guides for ELA using word processing, email and a web portal.

Budget required to implement and maintain **Goal 1**

1. a. School Plan/Data Management
b. Data Management System
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

Amount budgeted to implement and maintain **Goal 1**

- 1 a. School Plan/Data Management
b. Data Management System
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

How will you **evaluate implementation** of **Goal 1**?

- Contracts/MOUs
- Purchase Orders
- Teacher survey and records of use
- Smarter Balanced Achievement Results
- Updated pacing guides for ELA

Year 2: 2015-2016

Goal 2: All students will reach proficiency in math by 2015-2016.

Action steps (i.e., strategies) required to implement goal 2:

1. Contract with a provider in order to provide Math CCSS common formative assessments to determine interventions, re-teaching and enrichment strategies based upon the results.
2. Contract with software providers to enhance CCSS curriculum (e.g., Study Island; BrainPop; Discovery Education).
3. Teachers will update pacing guides for math using word processing, email and a web portal.

Budget required to implement and maintain **Goal 2**

- 1 a. School Plan/Data Management
b. Data Management System
c. Common Formative Assessments
2. a. Study Island
b. BrainPop
c. Discovery Education

Amount budgeted to implement and maintain **Goal 2**

- 1 a. School Plan/Data Management
b. Data Management System:

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- c. Common Formative Assessments
 2. a. Study Island
 - b. BrainPop
 - c. Discovery Education

How will you **evaluate implementation** of **Goal 2?**

- Contracts/MOUs
- Purchase Orders
- Smarter Balanced Achievement Results
- Updated pacing guides for math

Year 2: 2015-2016

Goal 3: NCJUSD will provide hardware and software to improve school to home communication.

Action steps:

1. Apply for e-rate discounts for current phone lines and Internet accounts.
2. Update Acceptable Use Policies
3. Contract with webmaster to update the District Website.
4. Contract with SIS Provider which includes a Report Card, Grade Book, Attendance, and Meal Tracker with parental access available. (e.g., PowerSchool)

Budget required to implement and maintain **Goal 3**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract

Amount budgeted to implement and maintain **Goal 3**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract

How will you **evaluate implementation** of **Goal 3?**

- Contracts/MOUs
- Purchase Orders

Year 2: 2015-2016

Goal 4: NCJUSD students will develop information literacy skills and increase technology skills.

Action steps:

1. 100% of K -3rd grade students will demonstrate proficiency in keyboarding skills, as measured by a keyboarding program.
2. 100% of 4-8 students will complete a yearly student project that includes the use of research to locate, evaluate, and use effectively the needed information.
3. 100% of 4-8 students will be able to create, format, edit, and revise a simple electronic document and employ organizational features.

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4. 100% of 4-8 students will be able to organize, display single variable data, and analyze an appropriate electronic graph or visual representation.
 5. 100% of 7-8 students will be able to select and use appropriate tools and technology to perform tests, collect data, display data, and construct appropriate graphs from the data and develop quantitative statements about the relationships between variables.

Budget required to implement and maintain **Goal 4**

No budget is required.

Amount budgeted to implement and maintain **Goal 4**

No budget is required.

How will you **evaluate implementation** of **Goal 4**?

- Keyboard software results
- Lesson plans, Rubrics, and Sample Student projects
- Science Fair projects Grades 4th – 8th
- Graphing on spreadsheets (e.g., Excel) Grades 4th – 8th

Year 2: 2015-2016

Goal 5: NCJUSD parents will be offered classes to increase their knowledge and skills of technology used at the school site.

Action steps:

1. School staff will provide three technology classes for parents regarding software used at the site:
 - e. Study Island
 - f. BrainPop
 - g. PowerSchool and/or Schoolnotes
 - h. District/School homepage

Budget required to implement and maintain **Goal 5:** \$500

1. Teacher compensation: \$300
2. Materials and supplies: \$200

Amount budgeted to implement and maintain **Goal 5:** \$500

1. Teacher compensation
2. Materials and supplies

How will you **evaluate implementation** of **Goal 5**?

- Sign-in sheets
- Professional Development Evaluation Forms
- Purchase orders for stipend(s)

Year 2: 2015-2016

Goal 6:

NCJUSD will provide hardware and software to improve district to home communication.

Action steps:

1. Apply for e-rate discounts for current phone lines and Internet accounts.
2. Update Acceptable Use Policies
3. Contract with webmaster to update the District Website
4. Contract with SIS Provider for a software program which includes a Report Card, Grade Book, Attendance, Meal Tracker and parent access for student progress (e.g.,PowerSchool)
5. Contract for Technology Support Services (e.g., San Benito COE Tech Support)
6. Continue to purchase and update classroom hardware (e.g., multi-media projectors)

Budget required to implement and maintain **Goal 6**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Purchase for Hardware

Amount budgeted to implement and maintain **Goal 6**

1. Phone lines and internet
2. Webmaster Contract
3. SIS Contract
4. SBCOE Tech Support Contract
5. Purchase for Hardware

How will you **evaluate implementation** of **Goal 6**?

- Contracts/MOUs
- Purchase Orders