# Technology Plan Henry County Public Schools New Castle, Kentucky



http://www.henry.kyschools.us

Creation Date: December 16, 2011

Plan Start Date: July 1, 2012

Plan Expiration Date: June 30, 2013

## **Acknowledgments**

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## **Executive Summary**

Henry County Public Schools believes that technology is an inextricable component of education. Technology tools and applications are increasingly used for a wide variety of educational purposes. Teachers and staff use productivity tools, student information systems, email and the Internet on a daily basis to perform their jobs. Email and online communication tools are being used to communicate with parents and colleagues. Paper-and-pencil tests are slowly being replaced by online formative assessments, providing for quicker results and giving teachers the ability to adjust instruction while it's occurring.

Just as teachers and staff cannot do their jobs without the use of technology, so should we expect this from our students. Our vision is to provide students with multiple opportunities to use a variety of technology tools to enhance their learning, create products that will be shared with a wide audience, and collaborate with peers/experts. Appropriate and proficient use of technology is a necessary skill for our students to become successful adults.

In order to meet the growing needs of education technology, HCPS has identified the following goals for the 2012-2013 school year. Activities designed to achieve these goals are outlined in the sections that follow.

- Adequate access to technology will be provided to meet the learning needs of all students, instructional planning/delivery needs of teachers, and educational goals of all staff.
- HCPS will sustain and improve, where needed, voice and data communications with the community and parents.
- Prior to entering high school, students will be technology literate as measured by a district and/or technology assessment.
- Teachers will integrate technology into their instructional practice resulting in increased student engagement and enhanced learning.
- Technology training and growth will be embedded into school and district professional development plans.

## **Planning Process and Methodology**

District leaders, principals, and School Technology Coordinators were consulted during the early stages of writing this plan. Goals and activities for this plan were written based upon this discussion and an evaluation of the prior year's plan. A draft of the plan was then provided to each STC, principal and district administrators for review and approval. The final draft is then given to the Henry County Board of Education and to the Kentucky Department of education for approval. The plan will then be evaluated one to two times throughout the 2012-2013 school year by Nikkol Bauer based upon the indicators and feedback from schools.

Appendix A includes a detailed evaluation of the 2011-2012 Technology Plan as of December 2011. Activities that need continuing and new ones are noted.

## **Current Technology and Resources**

#### **Student Instructional Devices**

As reported in the 2011 Technology Readiness Survey, HCPS has a total of 710 student instructional devices (desktop, laptop, and netbook computers), an increase of 23 devices as compared to last year. This gives us a district student-to-computer ratio of 2.82-to-1. However, the distribution of computers may or may not fit the needs of our students. A discrepancy exists among schools as evidenced by a range of ratios from 1.88-to-1 to 3.84-to-1. HCPS should evaluate the current distribution of computers at all levels (classrooms versus labs) and make changes as needed.

#### Student Instructional Devices

School	Total	Meet Min. Standard (2.8 GHz/1.5)	Laptop	Windows 7	Office 2007+	n- Computing	ADA	Student- Computer Ratio	Adjusted (n- Computing)
Campbellsburg	94	65 (69%)	28(30%)	10	81	5	330.14	3.51	3.33
Eastern	64	60 (94%)	24 (38%)	17	62	60	213.85	3.34	1.72
New Castle	95	91 (96%)	38(40%)	38	92	0	353.79	3.72	3.72
Henry Co. MS	126	109 (87%)	51 (40%)	64	113	30	483.99	3.84	3.10
Henry Co. HS	331	245 (74%)	97(29%)	124	295	23	622.41	1.88	1.76
Totals	710	570 (80%)	238 (34%)	253 (36%)	643 (91%)	118	2004.2	2.82	2.42

## **Projectors and Interactive Technologies**

HCPS believes that having convenient access to interactive technologies is one of the most effective ways to insure that technology is integrated into instruction. Providing mounted projectors and other technologies such as slates, clickers and document cameras helps to accomplish this goal. The numbers reported below are from the 2011 Technology Readiness Survey. Since then, several more projectors have been mounted at all schools.

School	#of Mounted Projectors	% of Classrooms with Mounted	#of Mobile Projectors	# of Mounted Interactive Boards	# of Mobile Boards	# of Wireless Slates	# of Student Response Systems	# of Document Cameras
Campbellsburg	18	95%	3	0	0	17	3	17
Eastern	14	93%	2	2	0	12	4	13
New Castle	16	73%	5	4	0	5	1	2
Henry Co. MS	23	92%	3	0	1	5	3	10
Henry Co. HS	38	95%	2	2	1	10	5	6
Totals	109	91%	15	8	2	49	16	48

#### **Student Home Access**

Based on enrollment information, 74% of our students have access to a computer at home. 64% of our students have access to high-speed Internet. Many areas of Henry County still do not have access to high-speed Internet. However, with a majority of our students who have access to a computer and/or Internet from home, more could be done to extend learning outside the classroom. For students without this access, schools should investigate the possibility of allowing after-hours access to school computers.

School	% of Students with a computer at home	% of Students with a computer less than 5 years old	% of Students with Internet connection	% of Students with Dial-Up	% of Students with High-Speed
Campbellsburg	78%	61%	70%	3%	67%
Eastern	63%	52%	53%	4%	49%
New Castle	70%	57%	64%	2%	62%
Henry Co. MS	75%	58%	69%	5%	64%
Henry Co. HS	78%	61%	72%	4%	68%
Totals	74%	59%	67%	4%	64%

#### **Network Infrastructure**

Most of the network infrastructure (switches, routing, wireless router, wiring) is aging but performs adequately. By the end of the 2011-2012 school year, all network equipment will be upgraded.

School	# of 10/100 switch ports	# of 10/100 POE switch ports	# of 10/100/1000 switch ports	# of 10/100/1000 POE switch ports	# of a/b/g APs
Campbellsburg	96	48	0	0	10
Eastern	48	0	48	48	7
New Castle	96	0	48	96	12
Henry Co. MS	144	0	96	48	10
Henry Co. HS	240	48	144	48	23
Totals	624	96	336	240	62

#### **Software and Applications**

Office XP and Office 2007, MAP, Aims Web, United Streaming, Cognitive Tutor, Fast ForWord, DreamBox, Reading Plus, Education City, Brain Pop, Accelerated Reader, Follett, FitnessGram, LunchBox, Infinite Campus, Geometer's Sketchpad, SchoolCenter, media software (Pinnacle Studio, Flash, Photoshop, Final Cut Pro), preschool software (Earobics, Work Sampling Online), SchoolRecruiter, AutoDesk, special education software (Read180, ReadWriteGold, Boardmaker, Writing with Symbols, JAWS, iClasses), small amount of other instructional software.

#### **Training and Professional Development**

HCPS employs a full-time district Technology Resource Teacher to partially fulfill technology training and professional development. The TRT has been an invaluable resource for on-the-spot training and help. However, with the rapid growth of new technology resources and the changing needs of our students, a more comprehensive professional development program is needed. It is the hope of HCPS that embedding intentional use of technology into other professional development initiatives will help fulfill this need.

# **Curriculum and Instructional Integration Goals**

**Goal 1**Teachers will integrate technology into their instructional practice resulting in increased student engagement and enhanced learning.

## **Action Plan: Projects/Activities**

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
1.1 Incorporate technology into Thoughtful Ed strategies and other best practices.	Students will have greater exposure to use of technology for completing various tasks.	Teacher Standard 6 evaluation results	July 2012 June 2013	Principals  District Leadership	N/A
1.2 Increase number of student products created with the use of technology.	Students will have greater exposure to use of technology for completing various tasks.	Posting of creation on web site and network folders	July 2012 June 2013	Principals  District Leadership	N/A
1.3 Technology will be intentionally integrated into unit plans.	Students will have greater exposure to use of technology for completing various tasks.	Random sampling of district unit plans	July 2012 June 2013	Principals District Leadership District Tech	N/A
1.4 Communicate with staff regularly, providing reminders of current resources and information on new resources.	Teachers will be better prepared to incorporate resources into instruction.	Documentation of communication	July 2012 June 2013	District Tech District Leadership Principals	N/A

## **Curriculum and Instructional Integration Goals – Evaluation**

As stated in the Executive Summary, our vision is to provide students with multiple opportunities to use a variety of technology tools to enhance their learning, create products that will be shared with a wide audience, and collaborate with peers/experts. As Kentucky has adopted the Common Core Standards for mathematics and English language arts, teachers district-wide have been working to develop units aligned to the new standards. The new standards have technology expectations embedded within them.

In order to monitor progress toward achieving this goal, district leaders need to review unit plans and student products. In addition, data from principal evaluation of teacher proficiency on Standard 6 provides a measure on teachers' ability to integrate technology into best practices. The plan will be evaluated mid-year and year's end and results sent to the district technology committee.

# **Student Technology Literacy Goals**

**Goal 2**Prior to entering high school, students will be technology literate as measured by a district and/or technology assessment.

## **Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
2.1 Incorporate student technology skills (NETS.S) within the curriculum.	Students will be better prepared to use technology tools as adults.	Review of curriculum maps and unit plans	July 2012 June 2013	Principals District Leadership	N/A
2.2 Continue 8 <sup>th</sup> and 12 <sup>th</sup> grade technology proficiency evaluation	Accurate reporting of technology proficiency	Results from evaluation	July 2012 June 2013	District Tech 8 <sup>th</sup> and 12 <sup>th</sup> Grade Teachers	N/A
2.3 Provide instruction on elements of Digital Citizenship at each grade level.	Students will be able to use technology safely and appropriately.	Logs kept by teachers responsible for DC curriculum	July 2012 June 2013	Counselors Librarians Language Arts Teachers	N/A
2.4 Continue formal keyboarding program in the elementary schools.	Student writing composition and creation of digital products will be more efficient.	Keyboarding performance test results	July 2012 June 2013	Principals	N/A
2.5 Increase STLP participation at each school in regional and/or state events.	Students will have the opportunity to apply skills in a competitive and real-world setting.	Number of students participating	July 2012 June 2013	Principals STLP Coordinators District Tech	Local

## **Student Technology Literacy Goals - Evaluation**

Incorporation of technology skills within instruction (Activity 2.1) will help student become technology proficient by the 8<sup>th</sup> grade if done on a consistent basis. Review of unit plans will help measure whether or not technology skills are being included on a regular basis.

Students need access to a wide variety of resources including computers, software, and other technology tools in order to become proficient. The hardware necessary is addressed in Goal 4 and its activities.

Results from the technology literacy evaluation for 8<sup>th</sup> and 12<sup>th</sup> grade students are obtained toward the end of the school year and shared with principals and district leadership. Logs from Digital Citizenship activities are submitted throughout the school year. A periodic check of progress on the keyboarding program (Type to Learn 4) is shared with principals, school personnel, and district leadership.

This data is shared with the district technology committee twice per year after evaluating the current year's plan.

# **Staff Training/Professional Development Goals**

**Goal 3**Technology training and growth will be embedded into school and district professional development plans.

## **Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
3.1 Incorporate technology integration strategies at each school within professional development days and/or early release days.	Teachers will be better prepared to use available technology for teaching and learning.	School PD plans	July 2012 June 2013	Principals District Leadership	N/A
3.2 Provide ongoing training and support for interactive tools such as slates and clickers.	Teachers will be better prepared to use available technology for teaching and learning.	Training sign-in sheets, TRT calendar	July 2012 June 2013	District Tech	N/A
3.3 Provide integration ideas for using collaborative tools in the classroom.	Teachers will be better prepared to use available technology for teaching and learning.	Training sign-in sheets, TRT calendar	July 2012 June 2013	District Tech	N/A
3.4 Support teacher participation from each school at state	Teachers will be kept abreast of new and emerging	Registration confirmation	July 2012 June 2013	District Tech District Leadership	SBDM Local

KySTE conferences.	technology.				
3.5 Survey teachers on training needs for integrating technology in the classroom.	Trainings will target teachers' needs.	Survey results	July 2012 June 2013	District Tech Principals	N/A
3.6 Provide training for principals on Teacher Standard 6.	Principals will be better prepared to identify true technology integration.	Training materials	July 2012 June 2013	District Tech District Leadership	N/A

## **Staff Training/Professional Development Goals – Evaluation**

Principals report that 72% of teachers are proficient with technology as defined by Teacher Standard 6. However, this percentage varies widely across schools: from 20% to 100%.

HCPS employs a full-time district Technology Resource Teacher to partially fulfill technology training and professional development. The TRT has been an invaluable resource for on-the-spot training and help. The TRT provides training on interactive technologies (SMART slates, document cameras, and clickers) and also collaborates with teachers on planning lessons that incorporate technology (Activites 3.2 and 3.3). The TRT submits monthly reports from the onsite work with individual teachers.

However, with the rapid growth of new technology resources and the changing needs of our students, a more comprehensive professional development program is needed. It is the hope of HCPS that embedding intentional use of technology into other professional development initiatives will help fulfill this need (Activity 3.1). Reports from principals on embedded technology professional development are sent periodically through the year.

The district also sends a limited number of teachers to the state KySTE conference every year (Activity 3.4).

Teachers are surveyed at the end of the school year as to their needs. This feedback from the TRT, principals, and teachers are used to determine trends and make adjustments to the technology professional development provided within the district.

# **Technology Goals**

Goal 4

Adequate access to technology will be provided to meet the learning needs of all students, instructional planning/delivery needs of teachers, and educational goals of all staff.

## **Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
4.1 Evaluate current distribution of computers for effective use and redistribute if necessary.	All students will have equitable and convenient access to computers to complete instructional assignments.	Inventory collection tool for Technology Readiness Survey	July 2012 June 2013	Principals District Tech	N/A
4.2 Maintain at least a 3:1 student to computer ratio at all schools.	All students will have equitable and convenient access to computers to complete instructional assignments.	Technology Readiness Survey	July 2012 June 2013	Principals  District Leadership	SBDM School Activity Funds EdTech District Local
4.3 Increase the number of interactive technologies available to teachers.	Teachers will be better equipped to integrate technology into instruction.	Number of slates and document cameras purchased	July 2012 June 2013	Principals	SBDM School Activity Funds EdTech

**Goal 5**HCPS will sustain and improve, where needed, voice and data communications with the community and parents.

## **Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
5.1 Provide local telephone, long distance, and data services to each school and support building.	Facilitate communication between teachers and parents. Provide access to the Internet to students and teachers.	Monitor regularly to ensure services are functioning properly.	July 2012 June 2013	District Tech	Local USF discounts
5.2 Secure web hosting services for district, school, and teacher web pages.	Facilitate communication between teachers and parents.	Monitor web site hits.	July 2012 June 2013	District Tech	Local USF discounts
5.3 Encourage more frequent updates to teacher and school web pages.	Community members will be better informed on school/district activities.	Monitor updates to teacher and school pages.	July 2012 June 2013	Principals District Leadership	N/A
5.4 Provide VoIP each school and support building.	Facilitate communication between staff and between staff and parents.	Monitor regularly to ensure services are functioning properly.	July 2012 June 2013	District Tech	Local USF Discounts

## **Technology Goals – Evaluation**

As stated in the Executive Summary, Henry County Public Schools believes that technology is an inextricable component of education. Maintaining a modern network infrastructure, computers and other technologies are crucial to meeting the instructional and administrative needs within the district. Since the network infrastructure was completely replaced during the 2011-2012 school year, this plan focuses only on maintaining computers numbers, increasing interactive technologies, and securing telephone and data services.

By the end of the 2012-2013 school year, schools will need to replace upwards of 395 aging computers (estimate at the time of this writing December 2012). Schools will also need to budget for replacement of projector bulbs and purchase of interactive technologies as needed (slates, document cameras).

The Technology Readiness Survey, due around December 1 each year, provides the method for evaluating HCPS's ability to provide adequate access to technology. The results and analysis of this report are sent to district leadership, including principals. The district, school, and teacher web pages are monitored periodically and statistics are sent to principals and district leadership.

# **Budget Summary**

Acquired Technologies and Professional Development	Ed Tech Competitive Title IID	Ed Tech Formula Title IID	E-Rate	NCLB/other than Title IID	KETS \$47,121	Other (Specify)
STLP						\$1700 (Local)
KySTE					\$1150	\$1200 (Local)
Computers					\$20,000	\$238,600 (SBDM/Local)
Slates/document cameras (30 each)						\$26,000 (SBDM/Local)
Phone and data services			\$67,894.20			\$22,631.40 (Local)
Web hosting service			\$3810			\$1770 (Local)
VoIP service			?*			?* (Local)
District tech salaries						\$190,000 (Local)
Other expenses not outlined in this plan					\$25,971	\$106,910** (SBDM/Local)
TOTAL			\$71,704.20*		\$47,121	\$565,411.40*

# **Budget Summary – Narrative**

Items noted with an \* will be updated after 471 Applications have been submitted.

<sup>\*\*</sup> determined by using a total tech spending from the FY11 TAR report of \$684,236.58

## Appendix A – Evaluation of the 2011-2012 Plan

The following evaluation is current as of 12/1/2011.

#### Technology Vision and Goals

Activity 1.1 – Evaluate current distribution of computers for effective use and redistribute if necessary. **(MET)** 

- Technology Readiness Survey completed on 11/28/2011
- List of computers not recently used sent to principals on 11/3/2011
- Summary data from the TRS report sent to principals on 11/17/2011
- List of aging computers sent to principals on 11/21/2011
- Ongoing, should include in next year's plan

Activity 1.2 – Provide mounted projectors in every classroom. (MET)

- A total of 15 projectors were mounted in various school so far this year.
- Every classroom, with the exception of outdoor buildings and resource rooms have a mounted projector.

Activity 1.3 – Increase wireless access and plan for support of 802.11n. (should be MET by June 2012)

 Due to pending eRate funding approval for the 2010 application, HCPS is anticipating funds to install 802.11n wireless access points in every classroom and common area.

Activity 1.4 – Maintain at least a 3:1 student to computer ratio at the elementary schools. (NOT MET)

- Current district ratio is 2.82:1
- Elementary ratios range from 3.34 to 3.72:1
- Due to Activity 1.5 being postponed, this activity needs revision to include middle and high school

Activity 1.5 – Plan for 1:1 student to computer ratio at the middle and high schools. (POSTPONED)

• Postponed due to limited funds. Do not include in next year's plan.

Activity 2.1 – Provide local telephone, long distance, and data services to each school and support building. **(MET)** 

Ongoing, supplemented with eRate funds

Activity 2.2 – Secure web hosting services for district, school, and teacher web pages. (MET)

Ongoing, supplemented with eRate funds

Activity 2.3 - Encourage more frequent updates to teacher and school web pages. (PARTIALLY MET)

- 29% of teacher pages have been updated within the last month.
- A discrepancy exists across schools on frequency of teacher page updates. Pages updated within the last month range from 7% to 81%.

Activity 2.4 – Upgrade network (wired and wireless) infrastructure. (should be MET by June 2012)

• Due to pending eRate funding approval for the 2010 application, HCPS is anticipating funds to upgrade our entire network infrastructure.

#### Student Technology Literacy Skills

Activity 1.1 – Incorporate student technology skills (NETS.S) within the curriculum. (NOT MET)

• Intentional teaching of technology skills appropriate for the grade-level within the curriculum occurs infrequently at most schools.

Activity 1.2 – Refine 8<sup>th</sup> and 12<sup>th</sup> grade technology proficiency evaluation. (will be met by June 2012)

- Teachers report at the end of the year which students are proficient and which are not based upon a checklist of technology skills.
- Ongoing, include in next year's plan.

Activity 1.3 – Provide instruction on elements of Digital Citizenship at each grade level. (will be met by June 2012)

- Teacher logs documenting instruction are turned in at the end of the year.
- Ongoing, include in next year's plan.

Activity 1.4 – Continue formal keyboarding program in the elementary schools. (MET)

- Type to Learn implemented at each elementary
- Status reports indicate that students provided structured time on the program are progressing faster.
- Ongoing, include in next year's plan.

Activity 1.5 - Increase STLP participation at each school in regional and/or state events. (MET)

- 3 schools participated in the regional showcase on 11/22/11. 3 out of 3 showcases from this event have been invited to participate at state.
- Overall, STLP participation has increased with additional robotics teams at the elementaries. Interest areas at each school vary from year to year.
- Ongoing, include in next year's plan.

#### Integration of Technology into Curricula and Instruction

Activity 1.1 – Increase use of Moodle, teacher web pages, and/or Microsoft collaborative tools to deliver instruction. (NOT MET)

• The intention of the activity was to provide more opportunities for students to collaborate online. The tools mentioned above are just a few that can be used. Some teachers are using other tools to which district technology staff do not have access. Due to the difficulty in measure the activity, it should be discontinued on next year's plan.

Activity 1.2 – Incorporate technology into Thoughtful Ed strategies and other best practices. **(PARTIALLY MET)** 

- Principals report that 72% of our teachers are proficient on Teacher Standard 6, which would indicate that teachers are incorporating technology into best practices.
- However, a discrepancy exists across schools as to the percentage of proficient teachers, ranging from 20% to 100%, which indicates that administrators need addition training on how to evaluate Teacher Standard 6.

Activity 1.3 – Communicate with staff regularly, providing reminders of current resources and information on new resources. (MET)

 District technology personnel have communicated multiple resources to teachers and administrators through email and in person. Examples include: Microsoft Word ad-in Mathematics, websites to use with the Smartboard, free iPad apps, using Infinite Campus to send emails to parents, technology contests and scholarships, Khan Academy.

Activity 1.4 – Increase number of student products created with the use of technology. (PARTIALLY MET)

- See Appendix B
- Student creation of products is still limited to mainly word processing at all grade levels with the
  exception of one elementary school and pockets at the middle and high school level.

#### Staff Training/Professional Development Goals

Activity 1.1 – Incorporate technology integration strategies within professional development days and/or early release days. (PARTIALLY MET)

- District technology personnel support at two PD days for elementary unit creation.
- Early release training at the middle school on use of the iPad in the curriculum.
- SMART board training for Early Childhood Center teachers and aides.

Activity 1.2 – Provide ongoing training and support for interactive tools such as slates and clickers. (MET)

• See Appendix C for the TRT appointments with staff for training purposes.

Activity 1.3 – Provide integration ideas for using Web 2.0 tools in the classroom. (PARTIALLY MET)

• See Appendix C for the TRT appointments with staff for training purposes.

Activity 1.4 – Provide training on Microsoft collaborative tools. (NOT MET)

 Microsoft collaborative tools have not been a popular option among teachers. Recommend discontinuing this activity for next year.

Activity 1.5 – Support teacher participation from each school at state KySTE conference. (will be met by mid-March 2012)

Activity 1.6 – Survey teachers on training needs for integrating technology in the classroom. **(will be met by June 2012)** 

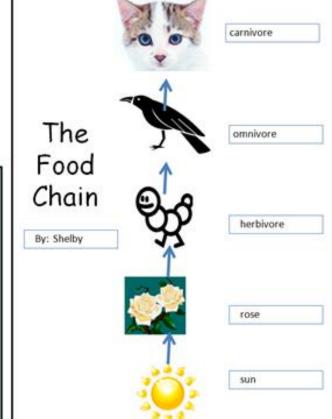
Activity 1.7 – Implement comprehensive professional development to support 1:1. (POSTPONED)

Postponed due to limited funds. Do not include in next year's plan.

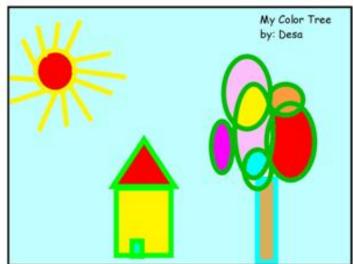
## **Appendix B - Student Products**

A sampling of student products from the 2011-2012 school year (as of 12/1/2011) appear below. Student creation of products is still limited to mainly word processing at all grade levels with the exception one elementary school and pockets at the middle and high school level. The samples shown below contain richer use of technology as compared to simple word processing.

Third Grade - Science, Food Chain - Powerpoint



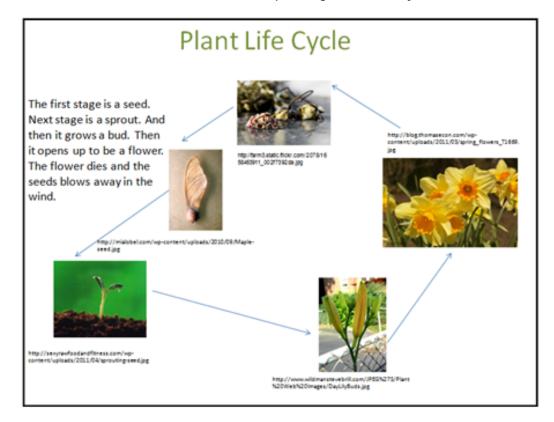
Kindergarten - Math, Shapes - Pixie



Fourth Grade – Arts & Humanities, Music Composition – Finale Notepad (last school year)



## Fourth Grade - Science, Life Cycle - Powerpoint

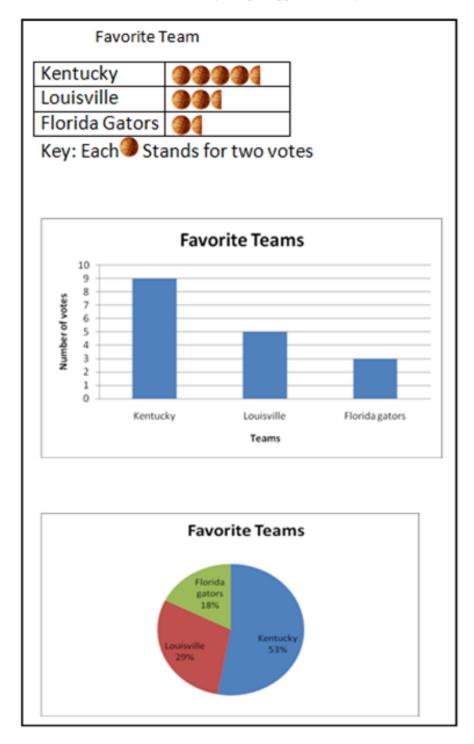


## Fourth Grade - Writing - Word



Weeeeeeeee! Something glides through the air and lands on your shirt. You don't know what it is, but it looks like a squirrel. You look closer and it is not a squirrel, it is a sugar glider! Many people don't know what a sugar glider is so here is

Fourth Grade - Math, Graph Types- Excel, Word



## Fourth Grade - Writing - Word

## How to Make Clay

Do you need something extra for you room? How about a little statue? Read on and find out how to make clay so you can build statue!

#### Materials:

\*Flour \*Salt

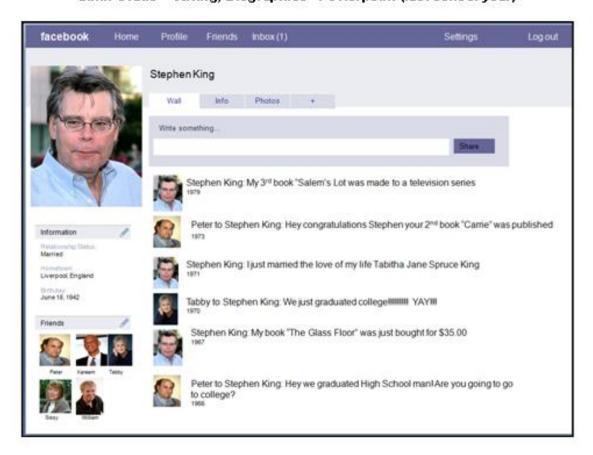
\*Spoon \*Water

\*Bowl \*measuring cup

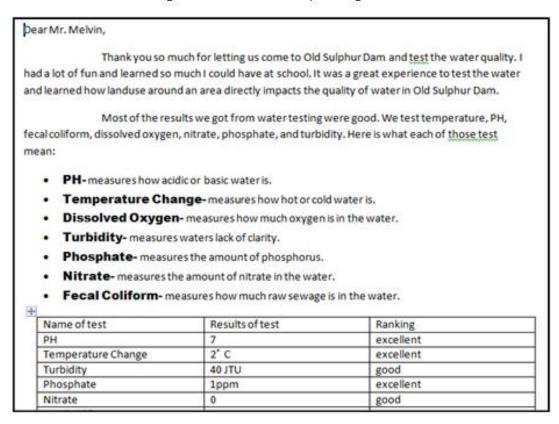
## Steps:

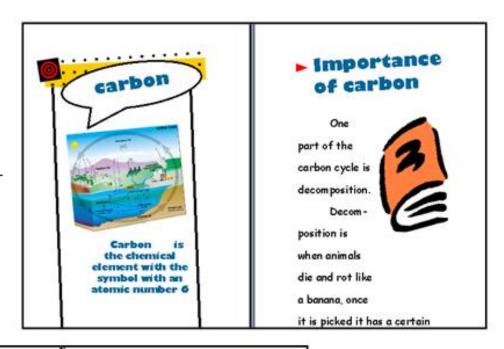
- 1. Pour 1 cup of flour into the bowl.
- 2. Now put a 1/2 cup of salt in the bowl.
- 3. Put 20 or 30 teaspoons of water in the bowl. Try 20 first then 30.
- 4. Mix until it is thick and put it in a plastic bag.
- 5. Now you can make a teddy bear, a pot, or a snakel

## Sixth Grade - Writing, Biographies-Powerpoint (last school year)

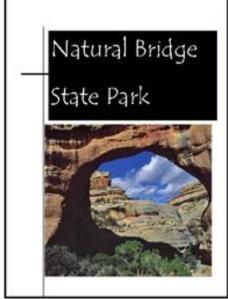


#### Eighth Grade - Science, Writing-Word





Eighth Grade – Science, Elements – Publisher



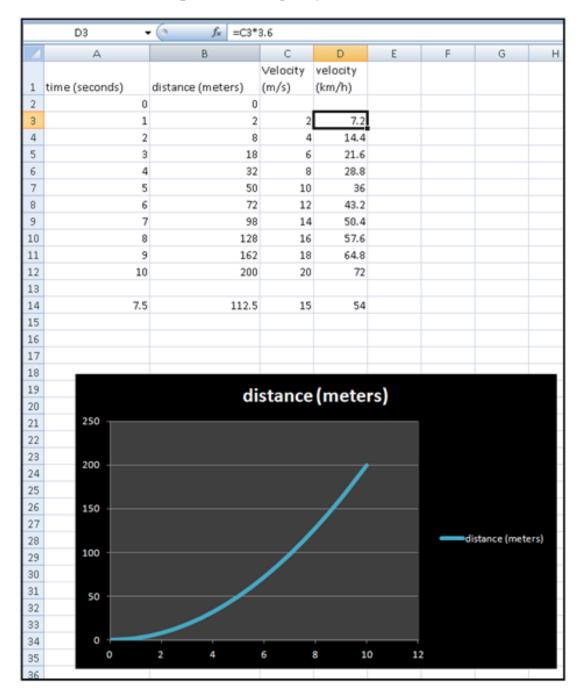


High School – Graphic Arts, Writing – Publisher

High School – Greenhouse Tech – Moviemaker



High School - Physics, Motion - Excel





# VIRGINIA HOMES

YOUR PLANTATION DREAMS ARE JUST ONE PRICE AWAY.





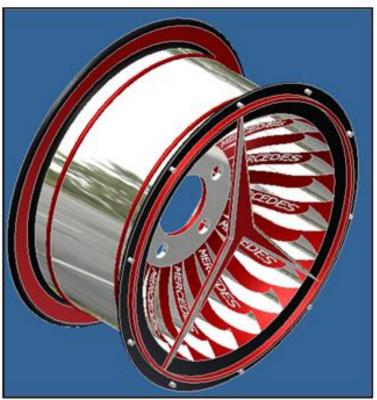




York Town, Virginia

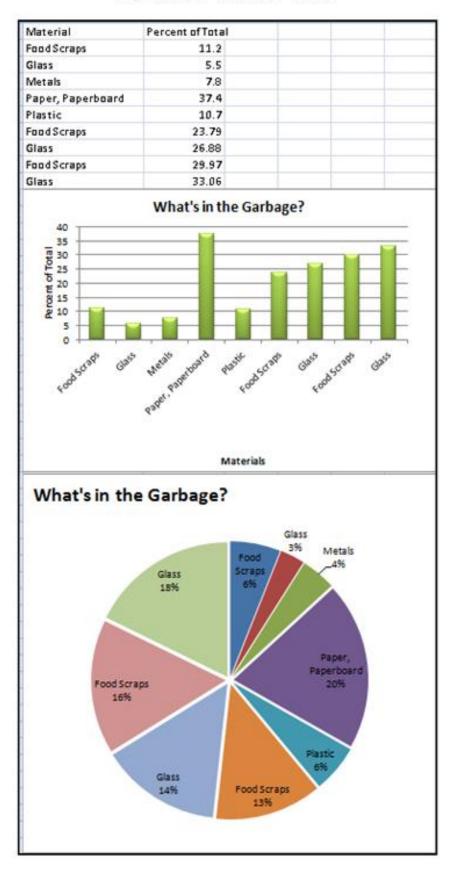
A lovely home built just for your plantation needs. Great land, and a living quarters for slaves in the back. Beautiful on the inside and out. \$15,000

- 3 bedrooms
- 2 bathrooms
- Christian Church close
   by
- S ome Natives live around.
- Plenty of space to yourself.
- Verygood economy
- Self-governed colony

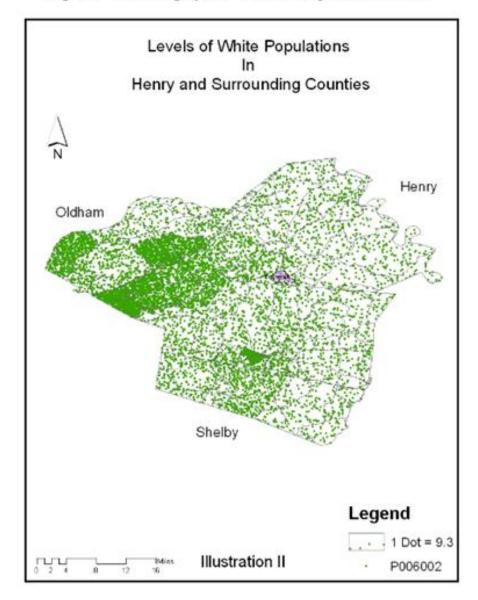


High School – Industrial Engineering and Design – Inventor

High School - Statistics - Excel



High School – Geographic Information Systems – ArcGIS



High School - Writing - Word

# Kids with Reading Disabilities

By: (2011)

Most children will learn to read no matter how they learn. Unless they receive help at least twenty percent can not master this simple task. (Bock)

Their reading difficulty is

Another misconception with reading impaired students they reverse letter when reading and even writing.

## Overcoming Reading Disabilities

Teachers and school adminstrations are the best qualified to detrmine specific lesson plans for students. (Bock) They would

# **Appendix C – Technology Resource Teacher Training Calendar**

Subject	Start Date	Subject	Start Date
Fassio - Clicker training	7/25/2011	Paula Petree	9/21/2011
Lisa and Kara - Smartboard training	7/26/2011	Destinee Dixon/Kristi Nicholson-	0,21,2011
Dianne Brammell-web pages	8/1/2011	clickers	9/22/2011
Karen Hanson - handbook	8/3/2011	Sharon - parent emails	9/23/2011
DeeDee Yantz - robotics	8/4/2011	Paula - talk about cyber reporter for	
Kim Graves - newscast	8/4/2011	Lori Porter	9/28/2011
Linda Hardin - slate training	8/9/2011	Julie Powell - airliner	9/28/2011
Lucia Hughes	8/9/2011	Melissa Hitt - STLP	10/10/2011
Katy Paas - set up slate and	0/0/2011	Meet with EE Teachers	10/11/2011
document camera	8/10/2011	Paula Petree	10/12/2011
Linda Hardin- slate/Elmo use	8/10/2011	Robin-help with video	10/18/2011
Lucia - help get started with clickers	8/10/2011	Destinee Dixon - clickers	10/19/2011
Kim Graves - STLP new show	8/17/2011	Paula Petree	10/19/2011
Talk to Tom Wiles about AirLiner use	8/18/2011	NCES STLP	10/20/2011
Fast Forward training	8/18/2011	NCES robotics practice	10/24/2011
Mary Esterle - AirLiner training	8/19/2011	Meet with EE Teachers	10/25/2011
Lisa Harper - web pages	8/22/2011	Stephanie Wood - work with students	
Cheryl Topp	8/22/2011	on Moodle	10/26/2011
Sherry Hutcherson - webpage	8/23/2011	Paula Petree	10/26/2011
Mark - MAP	8/23/2011	Robotics Coaches meeting	10/26/2011
Melissa Hitt - blog page	8/23/2011	Magers - set up sound system	10/27/2011
Jessica Page-airliner training	8/24/2011	Sharon - webpage	10/27/2011
Tom Wiles - Airliner trainer	8/24/2011	NCES STLP	10/27/2011
MS Tech PD - homework calendar	8/24/2011	Sharon - webpage	10/31/2011
Lisa Harper - work on video size	8/25/2011	RCX Coaches meeting	11/1/2011
Galyon - web page	8/26/2011	Angela Morgan - smartboard	11/4/2011
Meet with Mark and Paula about		Hurley - distribution list	11/8/2011
MAP	8/29/2011	Paula Petree	11/9/2011
HS english dept Elmo training	8/29/2011	Shawna Pohlman - AirLiner training	11/10/2011
Anita Hart - braillenote	8/29/2011	NCES STLP	11/10/2011
Meet with EE Teachers	8/30/2011	Sarah Buckley - robotics	11/14/2011
Carol Pait - web page and iPad stuff	8/31/2011	Sarah Buckley - upload video to	11/15/2011
Galyon - website	8/31/2011	website Paula Petree	11/15/2011 11/16/2011
ECC SMART board training	9/2/2011		11/16/2011
Melissa Hitt-share clickers	9/6/2011	NCES STLP	11/17/2011
Cheryl Taylor - slate training	9/6/2011	Publisher - PLC 3rd, 4th, 5th	11/21/2011
Isabelle Maremont - slate training	9/7/2011	Carrie Cox - publisher  Meet with EE Teachers	
Katie Johnson - slate training	9/7/2011		11/22/2011 11/29/2011
Kim Patterson- smartboard activities	9/9/2011	Meet with primary on Pixie Paula Petree	11/29/2011
Meet with EE Teachers	9/13/2011	NCES STLP	12/1/2011
Paula Petree-webpage.	9/14/2011	CB Pixie	12/1/2011
Angie Denny - iPad set up	9/15/2011	Meet w/Intermediate teachers	12/1/2011
Kim Solis/Lane Morris-digital		Paula Petree	12/2/2011
citizenship	9/15/2011		12/2/2011
Julie Powell	9/16/2011	Paula Petree	
Lucia Hughes - web page	9/16/2011	NCES STLP	12/8/2011
Kim Moody - iPad	9/16/2011	Meet with EE Teachers	12/13/2011
Shelley McClure - slate training	9/20/2011	Paula Petree NCES STLP	12/14/2011
Julie Powell - airliner	9/20/2011	NOES SILF	12/15/2011