

Strategic Plan | Specific Result Report

Goal 4 Action Plan Year 2 Priorities – 2018-19

Call to Action:

Katy ISD learners, through active engagement, achieve individual success while making positive contributions in an ever-changing world.

Goal 4:

Katy ISD will create and sustain best in class infrastructure to securely accommodate the current and next generation digital content and tools for all stakeholders.

Specific Result:

4.3 Define and implement district and campus expectations for technology integration inside and outside the classroom.

Summary Report:

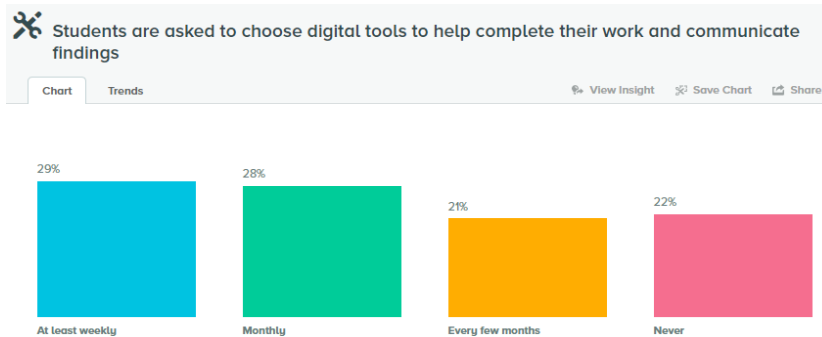
- **(Action Step 4.3.1):** Establish a baseline for the technology integration inside and outside the classroom.

Result: The following steps were taken to gather information to achieve this objective:

1. BrightBytes survey was conducted in the months of April and May of 2019. Approximately, 48,000 Katy ISD students and teachers participated in the survey. The results of the survey were analyzed for common themes and trends related to technology integration inside and outside the classroom.
2. Canvas, the Katy ISD Learning Management System, data was analyzed to gain insight about online content integration for teachers and students inside and outside the classroom.
3. myKaty Cloud data was analyzed to gain insight into application integration inside and outside the classroom. myKaty is a Single-Sign-On portal that allows students and staff to access all applications at schools or home. Katy ISD students and staff spent over 4 million hours accessing the portal during 2018-19 school year.
4. Focus groups were conducted across the District with campus staff, students and parents at Taylor HS, Seven Lakes HS, Cardiff JH and Golbow EL to validate and gain further insight into the technology integration inside and outside the classroom at Katy ISD.

- **(Action Step 4.3.2):** Define campus expectations for technology integration.

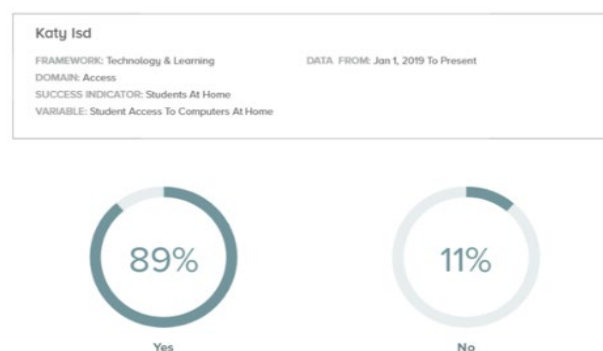
Result: The overwhelming majority of our students and teachers engage in an integrated technology setting for learning and instruction. Graphs A, B and C provide some insight into the integrated technology setting in Katy ISD.



Graph A - BrightBytes: Baseline Data – 57% of students are asked to use an integrated technology approach at least monthly or greater. This graph shows students and how often they feel they are given the option to use technology tools. **Insight:** Student perspective regarding technology integration and resources inside and outside the classroom are essential to the learning process.



Graph B - BrightBytes: Baseline Data – 48% of teachers are posting material online for students to interact with for the integration of technology at least monthly. **Insight:** Teacher perspective - Teachers posting digital resources enables our learners to follow up with the content multiple times.



Graph C - BrightBytes: Baseline Data - 89% of our students have access to a hardware device at home. **Insight:** Students are also able to check-out a hotspot or a device for home usage in order to access the digital content after they leave school. This ensures equity for all students. Students accessing Canvas, digital resources such as e-Textbooks, informational databases, library resources, etc. is key to the success of our learners.

Based on the findings of the BrightBytes survey and the research conducted, the following expectations were defined:

1. Canvas offers a highly integrated environment for learning and instruction inside and outside the classroom. It contains about 8,500 integrated courses for students and staff. It also registers over 5 million logins during the school year.

Summary of Canvas Statistics for 18-19.	
Published Courses	8,958
Logins	5.8 million
Average of session after school hours	20,606
Average of session during school hours	73,698
Total # of assignments	123,346
Total # quizzes	22,465
Total # of discussions	35,175
Total # of uploaded files	714,730
Total # of video files uploaded	74,654

- ✓ **Expectation:** *The development of Canvas courses with integrated digital resources will continue for student online access for inside and outside the classroom.*

2. Almost all of the classroom technology applications are integrated into myKaty Cloud. The Cloud can be easily accessed by students and staff from anywhere and at any time by simply using a browser. It provides a Single-Sign-On where users login once to access most applications. The environment is heavily used by teachers and students with over 4 million logins during the school year. However, not all of our applications take advantage of the Single-Sign-On process.

Accessing myKaty during and after school hours. August 15, 2018 – May 24, 2019	
During School	3,421,188 Logins
After School	702,949 Logins

- ✓ **Expectation:** *All applications within myKaty cloud must be integrated into our Single-Sign-On process.*

3. Access to Katy ISD hardware and software requires a user ID and password. Obtaining these credentials in an efficient and secure way is key to accessing integrated digital resources from inside and outside the classroom. However, the process for obtaining a password is sometimes slow and requires assistance from teachers when passwords change or expire, especially at the start of the school year.

- ✓ **Expectation:** *Password management process should be simple and self-managed for all users.*

4. Providing support and information about technology resources available inside and outside the classroom to all stakeholders is often a big challenge. The sharing of information and providing support to parents related to technology resources is crucial to the success of our students. The process in which parents gain information to assist their children needs improvement.

✓ **Expectation:** *Parents should have easy access to technology information and support.*

5. The district offers multiple applications for parents to access student information and services from home. However, the login to some of these applications are not synced to one login and require more integration.

✓ **Expectation:** *Parents' login to district resources should be simple.*

- **(Action Step 4.3.3):** Provide technology training and support for staff and learners based on expectations.

Result: Technology developed a variety of training sessions and initiatives that are focused on achieving these expectations.

1. Flexible training to teachers for content integration within Canvas and other technology integrated tools in a variety of formats. Extend training to before/after school, during conference periods, during PLN times based on teacher needs.
2. iCamp Summer Sessions for more focused training on content integration within Canvas. The following is a table of iCamp sessions and attendees.

Year	# of Sessions	# of Attendees
iCamp Summer 2019	514	Pending
iCamp Summer 2018	870	4,250

3. Incentive program in Canvas (Badging – Professional Learning) to promote skills focused on developing integrated content skills. This program was proven successful for the 2018-19 school year and we will continue to implement and grow the program for next school year.

Number of Teachers Earned Badges	1,508
Number of Badges Earned	14,713

4. Implementing the Password Portal. The process should eliminate the need for the staff to be heavily involved in the password reset process. The streamlined password reset will allow students, staff and parents to have a self-service password management. The portal is scheduled to go live in the 2019-20 school year.
5. Expanding the Parent & Student Support initiative from 8 weeks to year-round coverage. Starting in 2019-20 school year. Parents will have access to an online support form to submit questions and issues year-round.

6. Simplifying parent logins to the district payment system by establishing the “Pay-N-Go” integrated payment system. This system will integrate all payment types (meal, course, athletics, fine arts, etc...) under one platform with Single-Sign-On. This will have many benefits to our parents and the district. This was a collaborative effort among several Katy ISD departments.
 7. Investigating Parent Portal for parents to access all available parent resources with a Single-Sign-On solution. myKaty Cloud has been successful for students, teachers and staff by allowing them to have a one-stop shop from anywhere to access all technology resources. Katy ISD’s Technology Department has been working on the same concept for parents. The plan is to launch a pilot during 2019-20 school year.
 8. Investigating Transcript Archiving and Request Portal – parents and students should be able to easily request transcripts online. Katy ISD will pilot the new transcript platform for parents, current students, and alumni students during 2019-20 school year.
- **(Action Step 4.3.4):** Provide streamlined and equitable access to support expectations inside and outside the classroom for all learners.

Result: The integration of resources inside and outside the classroom will be available to all students, teachers and parents.

1. Students and teachers have access to Katy ISD’s integrated digital resources wherever they have an Internet connection.
 2. All Katy ISD’s stakeholders have access to integrated applications based on their role within the myKaty Cloud anywhere inside and outside the classroom.
 3. The integrated and streamlined password reset portal will be available to all stakeholders inside and outside the classroom.
 4. All parents and students will be able to access the parent help and the online version at anytime and anywhere inside and outside the classroom.
 5. All Katy ISD stakeholders inside and outside the district, will be able to take advantage of the new “Pay-N-Go” platform.
- **(Action Step 4.3.5):** Continue the creation of aligned resources within the Learning Management System to share with teachers for classroom use.

Result: This is an ongoing effort where Canvas courses are developed and enhanced with the suggested resources. Ongoing training assists teachers, Instructional Coaches, and the Teaching and Learning Division in developing courses to ensure an integrated approach for digital resources.