

Technology Update

Mike Morrison - Chief Technology Officer

Stephanie Gamache - Digital Media & Library Specialist

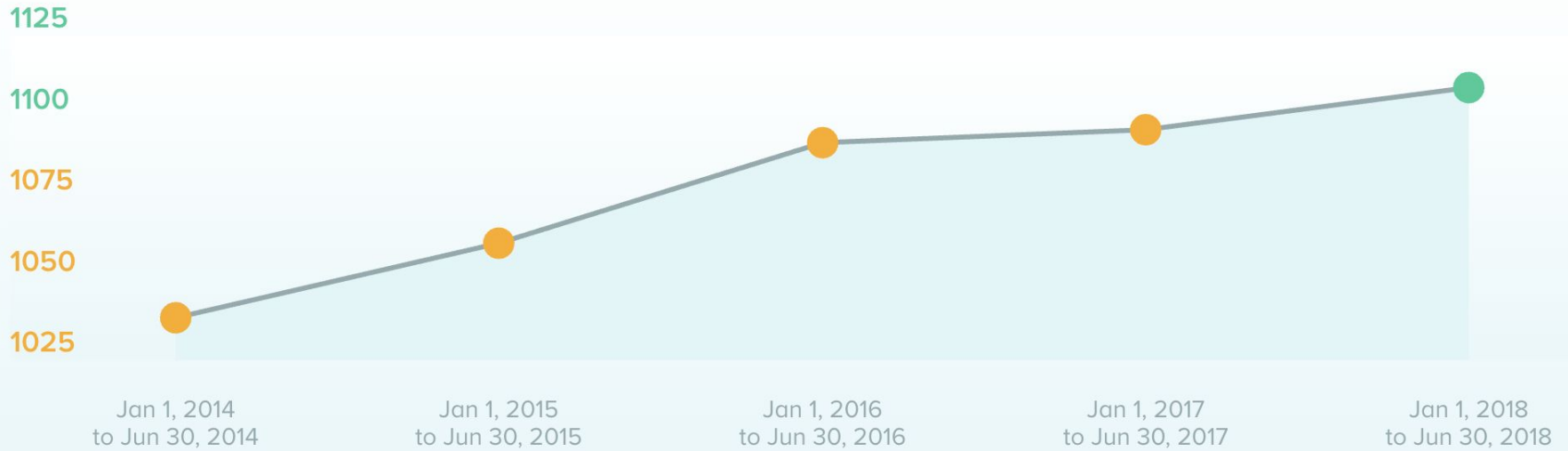
Brian Kull - TOSA Computer Science/Literacy

October 9, 2018

Why?

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Principals, Teachers, Staff and Students, School Board, Parents, School Power, Tech Leads

CENTER FOR
DIGITAL
EDUCATION

converge

nsba
National School Boards Association



**DIGITAL
SCHOOL
DISTRICTS SURVEY**
2017-2018 WINNER

www.centerdigitaled.com/awards/digital-districts



Teachers report that the speed of support for answers to routine questions is

Laguna Beach Unified

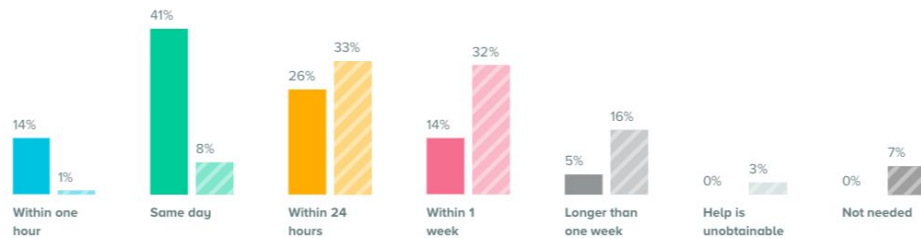
FRAMEWORK: Technology & Learning

DOMAIN: Environment

SUCCESS INDICATOR: Support

VARIABLE: Speed Of Technology Support Services At School

DATA FROM: Jan 1, 2018 To Jun 30, 2018



COMPARE

Jan 1, 2018 to Jun 30, 2018
Solids

Jan 1, 2014 to Jun 30, 2014
Stripes

Why This Matters

When users have a positive experience with a product, they are more likely to continue to use it as well as share their experience with a friend or colleague; those who have a negative one are more likely to stop using the product altogether (Monetate, n.d.).

Citation

The ultimate customer experience. (n.d.). [Infographic]. "Monetate". Retrieved from <http://content.monetate.com/h/112311886-create-the-ultimate-customer-experience>

Staffing

- Brian Kull - K-5 - TOSA
- Alyce Rome - Technology Para Educator
- Stephanie Gamache - Digital Media & Library Specialist
- Carrie Denton - LBHS & Elem. 1/5th
- Joe Do - Technology Systems Specialist
- Leanne Hartley - Data Support Specialist

Research & Databases

- ❖ Stephanie Gamache - Digital Media & Library Specialist
- ❖ Research Protocols
 - Completed with faculty assistance
 - Research Benchmark Assessment
 - Benchmark is showing expected results

Databases



World Book



ProQuest -
CultureGrams



ProQuest - SIRS
Discoverer



Britannica



ProQuest (2in1)



Proquest - SIRS
Issues Re...

Computer Science/ Literacy

- First ever Computer Science standards proposed September 7th
 - Computing Systems
 - Networks and the Internet
 - Data and Analysis
 - Algorithms and Programming
 - Impacts of Computing
- TechSmart pilot
- Kodable



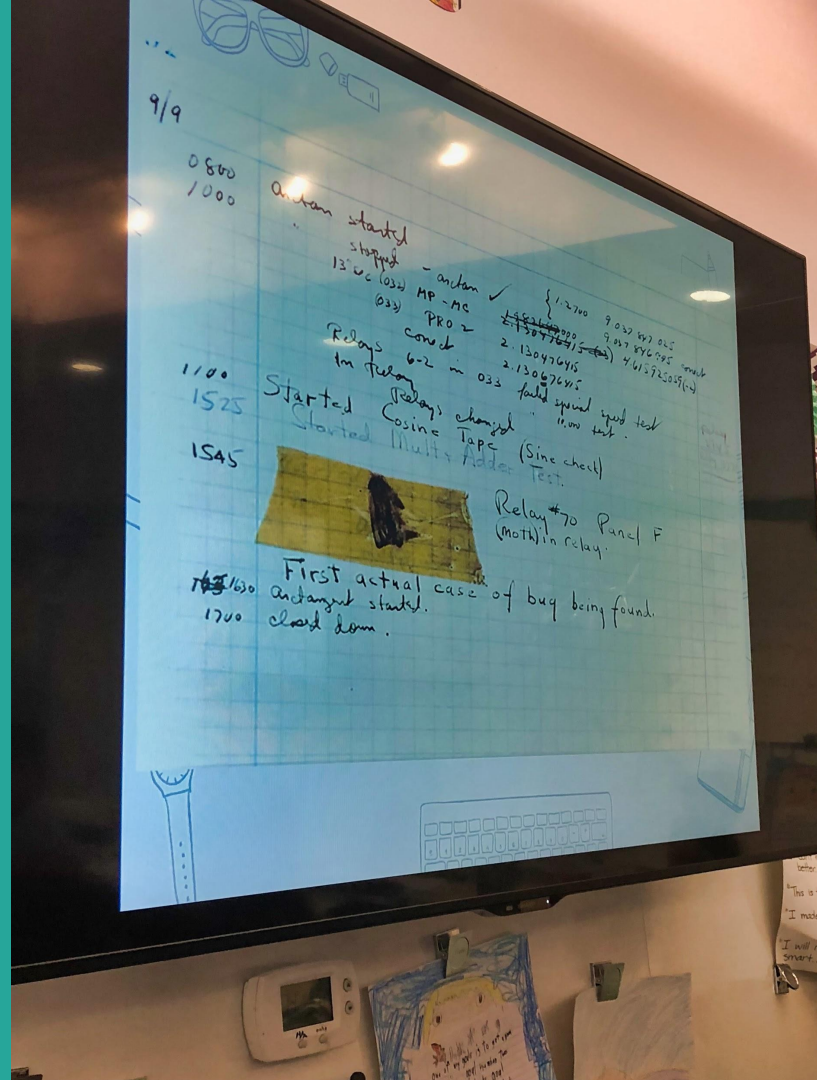
Boulder

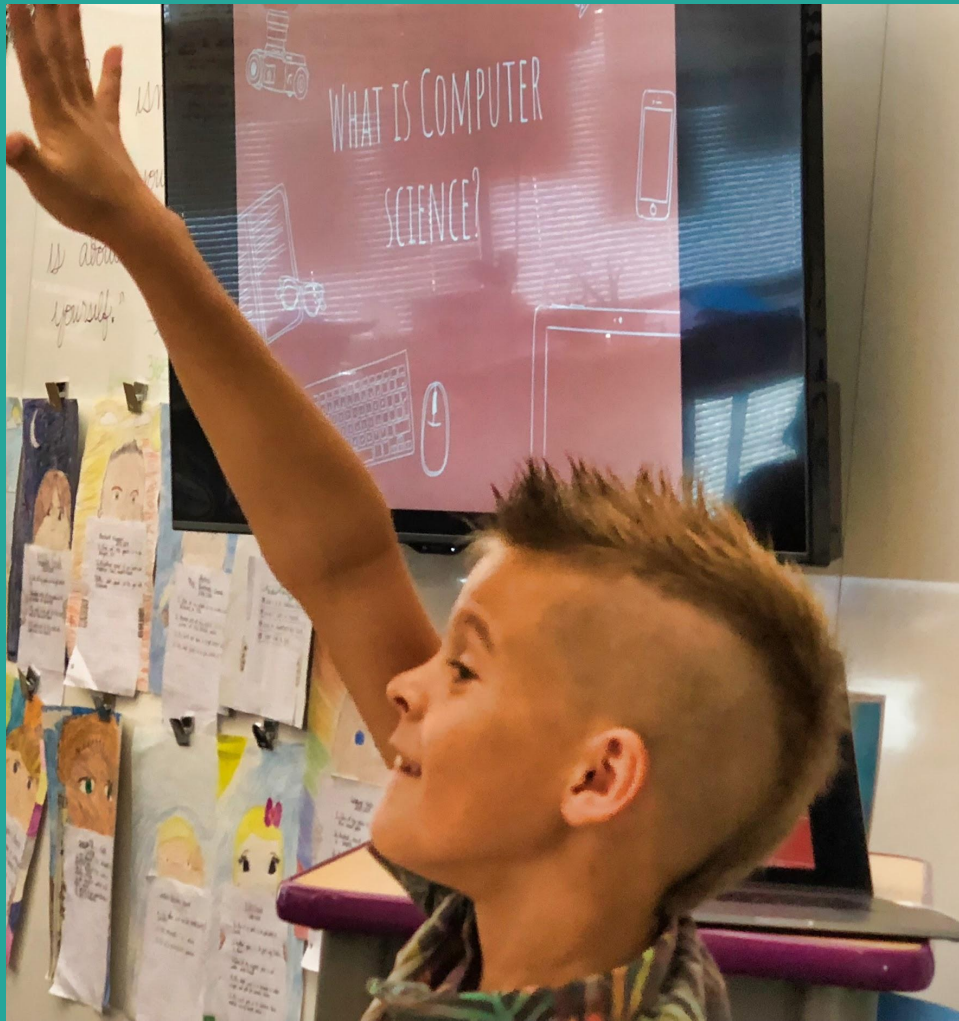
```
6 before program starts
7   set speed to 100
8
9 every frame
10  move me → right speed pixels / second
11  if my center x > flame's center x ?
12  then set speed to - speed
13  if my center x < 1 ?
14  then set speed to - speed
```



Boulder

```
1
2 import tsk; sprites = tsk.sky.sprites
3 import tsk
4 import tsk; program = tsk.sky.program
5
6 def before_program_starts():
7     program.speed = 100
8
9 def every_frame(self):
10    self.x += program.speed * (tsk.sky.delta_time() / 1000)
11    if self.center_x > sprites.flame.center_x:
12        program.speed = -program.speed
13    if self.center_x < 1:
14        program.speed = -program.speed
15
```





GradeSlam

Online Tutor
&
Essay Review

Sessions Completed 71

Essays Reviewed 14



GradeSlam

4CLE

The 4-C's Learning Environments

Rooms to finish:

LBHS Science/Electives

TMS 2 SPED Rooms

TOW - K, 2nd

EMS - K, 1st, 2nd

BOLD Conference Rooms

(Thanks -Tangram/Steelcase and
GST)

Living Classroom Pilot







More **T**han *just* furniture







Year One	Year Two	Year Three
PLN - Personal Learning Network Collaboration Produce Video	Student Relationships Presentations Produce Video	Research Future Self - Hope/Zest Publish an Article

Green Ribbon Idea - Corrie Day (April 2017)

“Carol Mignosa and I were looking for ways to extend our Rocket Ready Project with future endeavors that would help to reduce the negative impact of humans on the environment.

*Since we have a really great team of teachers already in place who are working on similar environmental goals; we thought that maybe with the help of PTA, our school and Thurston could **aim to apply for the CA Green Ribbon School Award next year.***

<http://www.cde.ca.gov/ls/fa/sf/greenribbonprog.asp>

We think that our school already has a lot of great things in place, but there are definitely some areas we could focus on growing in.”

- Corrie Day



Thanks

Big Thanks