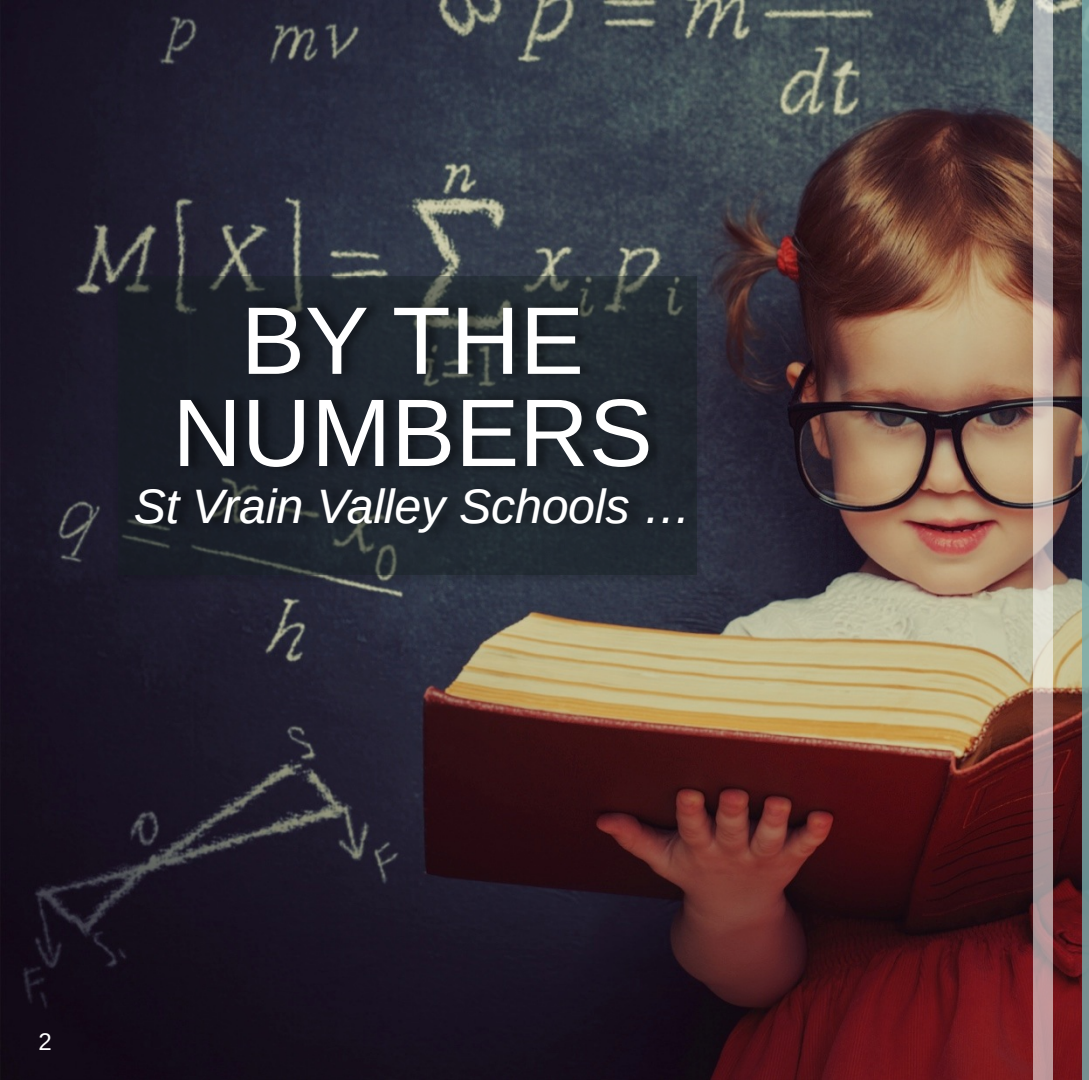
REDEFINING THE STUDENT EXPERIENCE

ST. VRAIN VALLEY SCHOOL DISTRICT



BY THE NUMBERS

St Vrain Valley Schools …

EMPLOYS 4800 PEOPLE

teachers, administrators, and other employees

Responsible for the

EDUCATION OF 32,000 STUDENTS

MANAGES 58 BUILDINGS

54 of which are schools

Manages an annual operating budget of $396.4 mil &

$5 billion in ASSETS

Serves a CITIZEN BASE OF 194,000

Headquarters are in Longmont, Colorado, which serve

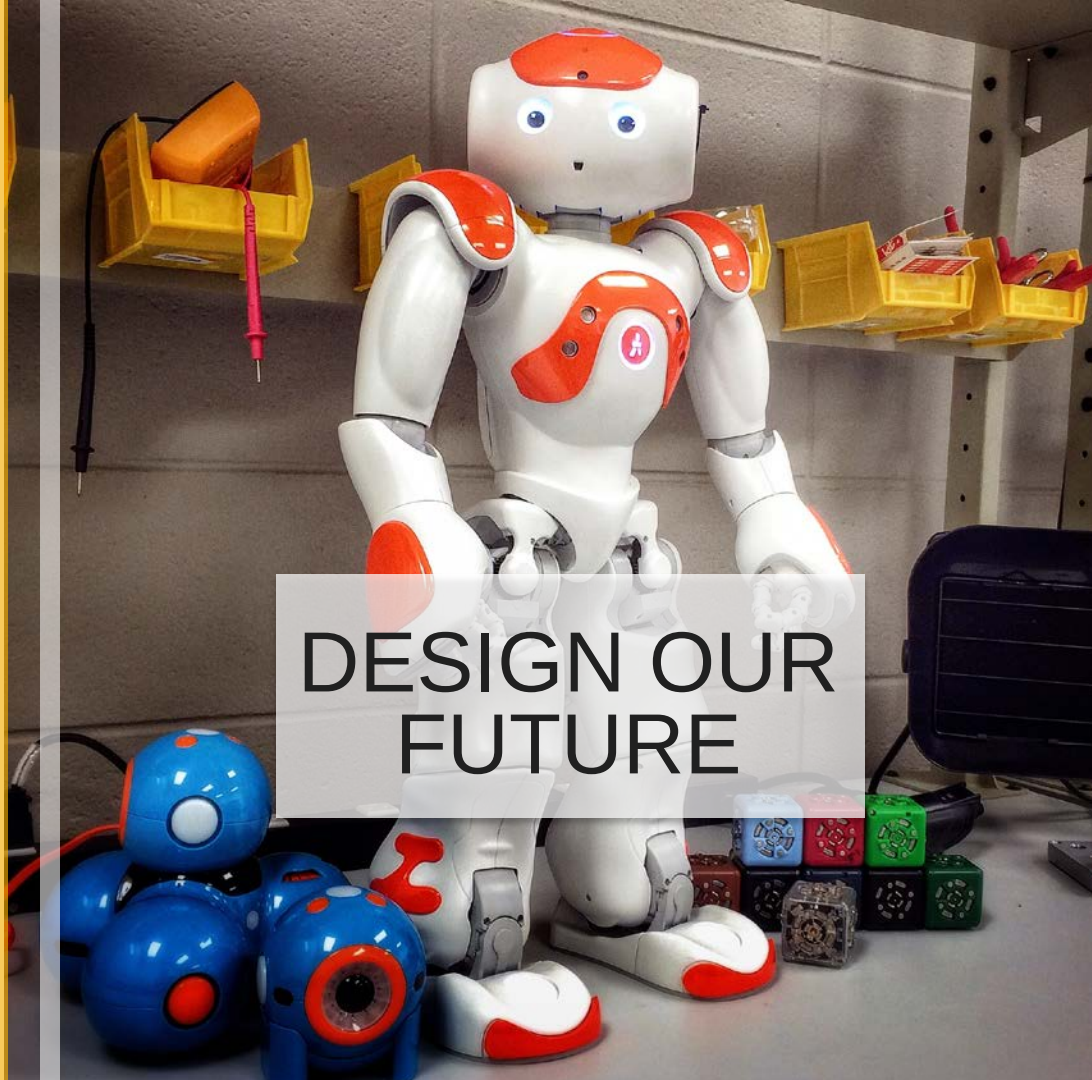
a population of CITY OF 90,000

Longmont's City Planners are helping build a 22ND CENTURY CITY

One of the first US cities to provide CITY-WIDE WI-FI

Adjacent to Boulder, Longmont is a TECH + INNOVATIVE HUB *in its own right*

BUSINESS IS COMING *to Longmont--corporate relocations & launches are happening*



ON THE RISE

SVVSD IS NATIONALLY RECOGNIZED

Superintendent Don Haddad won National Superintendent of the Year in 2013, out of 17,000 peers.

In 2012, the District was

AWARDED A $16.6 GRANT

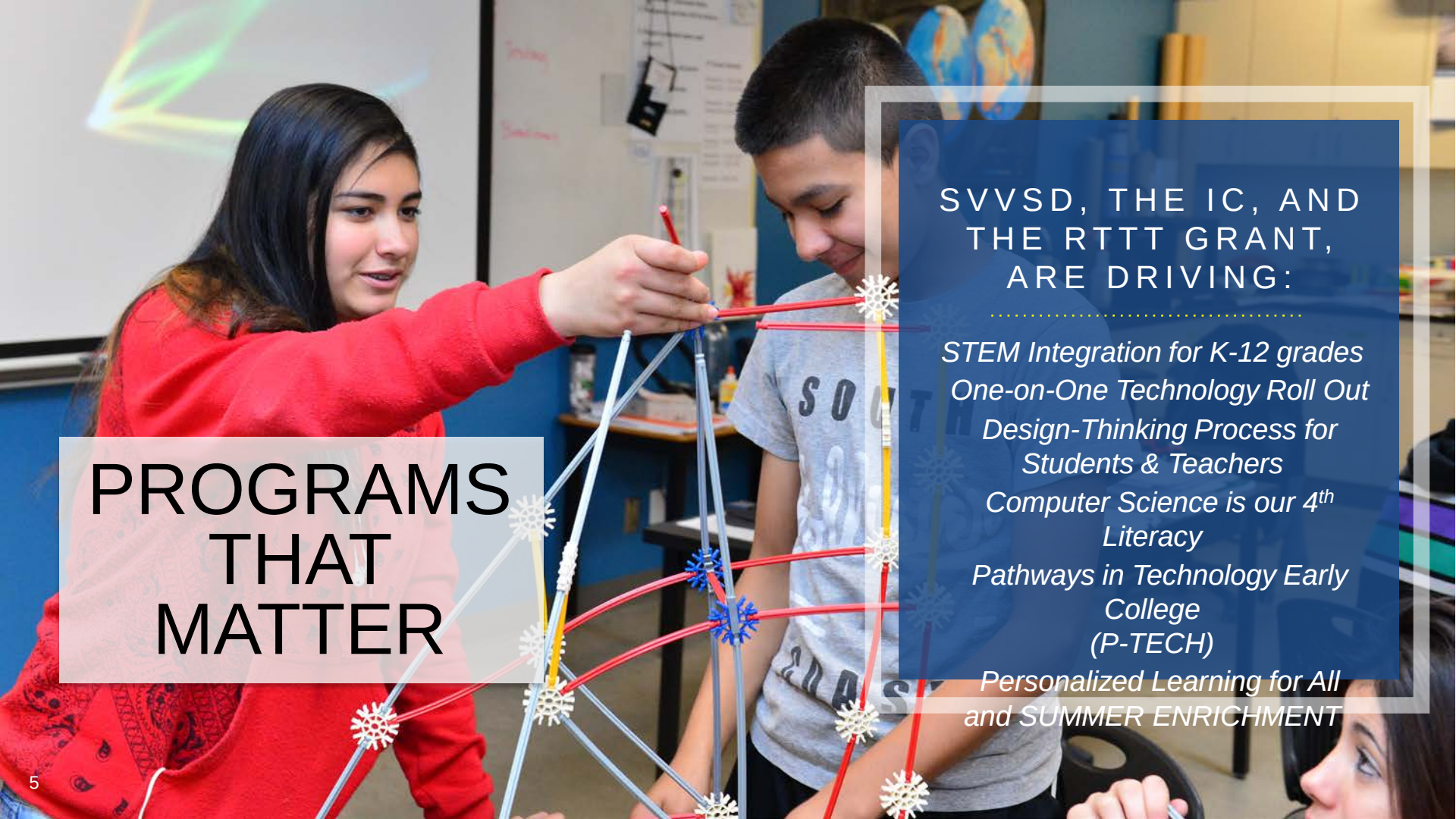
from Race to the Top (RTTT), a program of the U.S. Department of Education

Assistant Superintendent Regina Renaldi and Skyline High School Principal, Patty Quinones

DROVE THE EFFORT

to win this prestigious grant.

Patty transitioned from her Principal post, to become the Director of Innovation at SVVSD, to oversee both the grant and the Innovation Center



PROGRAMS THAT MATTER

SVVSD, THE IC, AND THE RTTT GRANT, ARE DRIVING:

STEM Integration for K-12 grades

One-on-One Technology Roll Out

Design-Thinking Process for Students & Teachers

Computer Science is our 4th Literacy

Pathways in Technology Early College (P-TECH)

Personalized Learning for All and SUMMER ENRICHMENT

WE CALL IT THE IC

THE INNOVATION CENTER

Driving force for the School District's ongoing commitment to Innovation in Education

Bond Initiative 2016-17

PHYSICAL LABS, MAKER SPACES, P-TECH, OFFICES

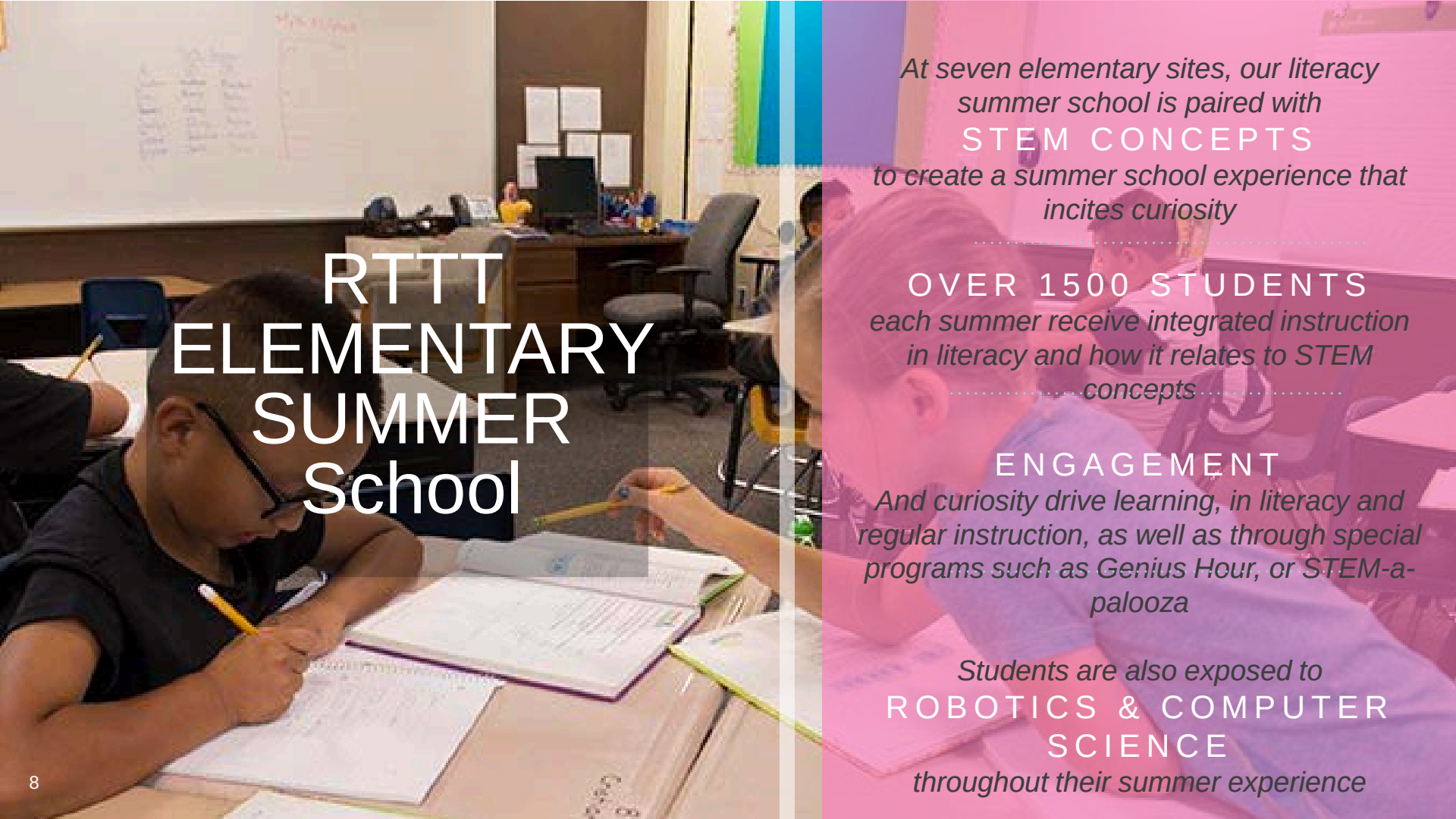
for the IC staff, and additional space for student programs

Conduit through which the District is executing on the programs being

FUNDED BY THE RTTT GRANT

$16.6 mil

SPRINGBOARD FOR STRATEGIC PLANNING



RTTT ELEMENTARY SUMMER School

At seven elementary sites, our literacy summer school is paired with

STEM CONCEPTS

to create a summer school experience that incites curiosity

OVER 1500 STUDENTS

each summer receive integrated instruction in literacy and how it relates to STEM concepts

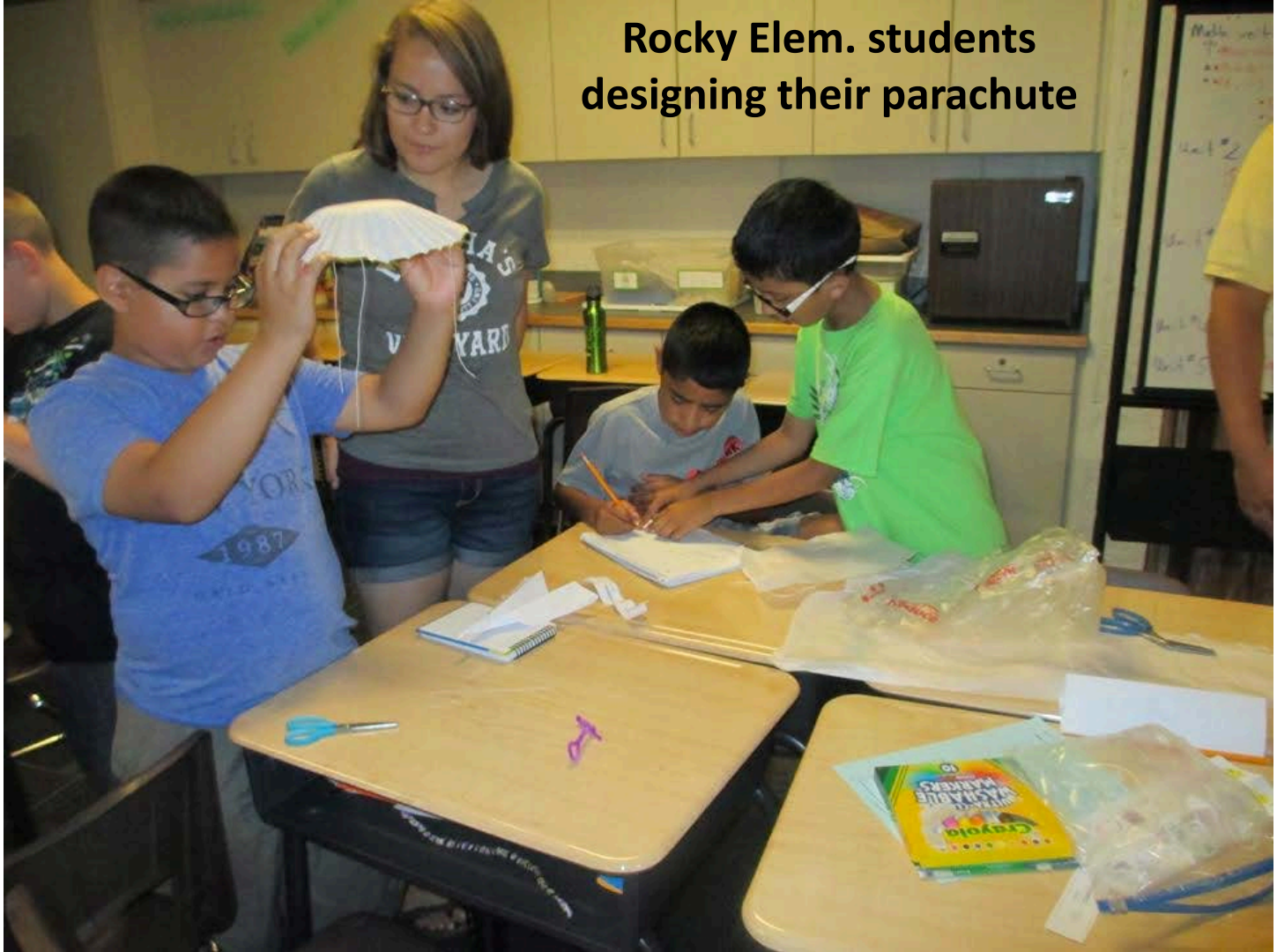
ENGAGEMENT

And curiosity drive learning, in literacy and regular instruction, as well as through special programs such as Genius Hour, or STEM-a-palooza

Students are also exposed to

ROBOTICS & COMPUTER SCIENCE

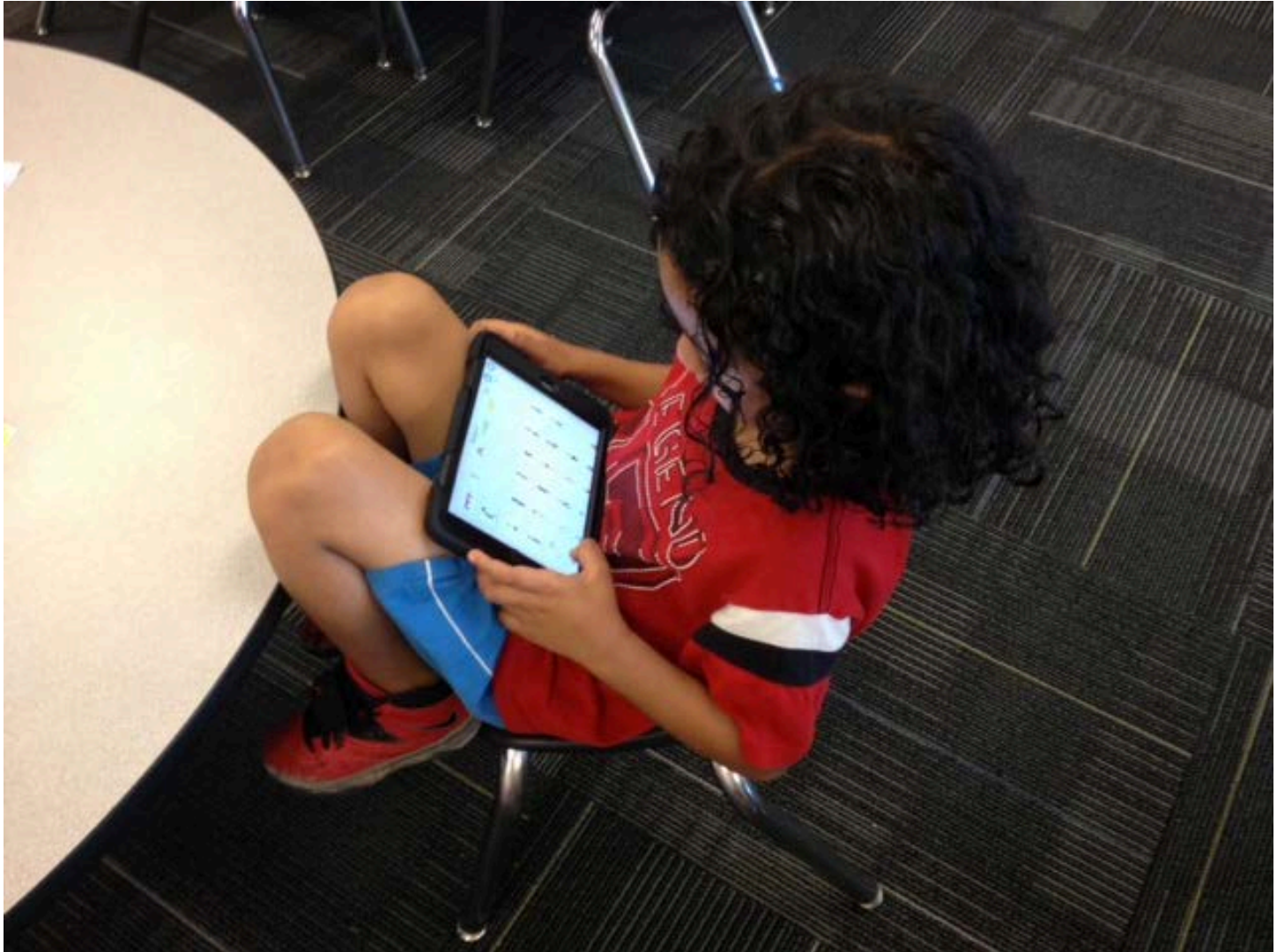
throughout their summer experience



Rocky Elem. students designing their parachute

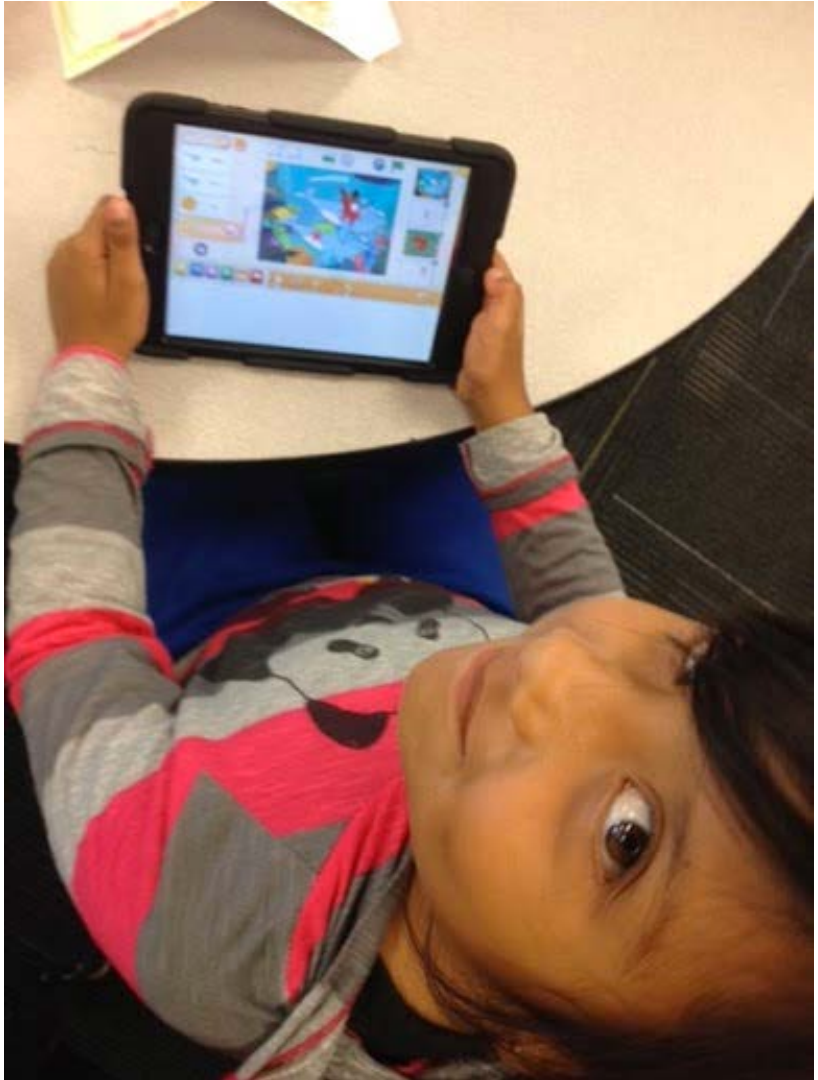
I-Pad use of software programs

- Lexia
- MyOn
- I-Ready
- E-spark



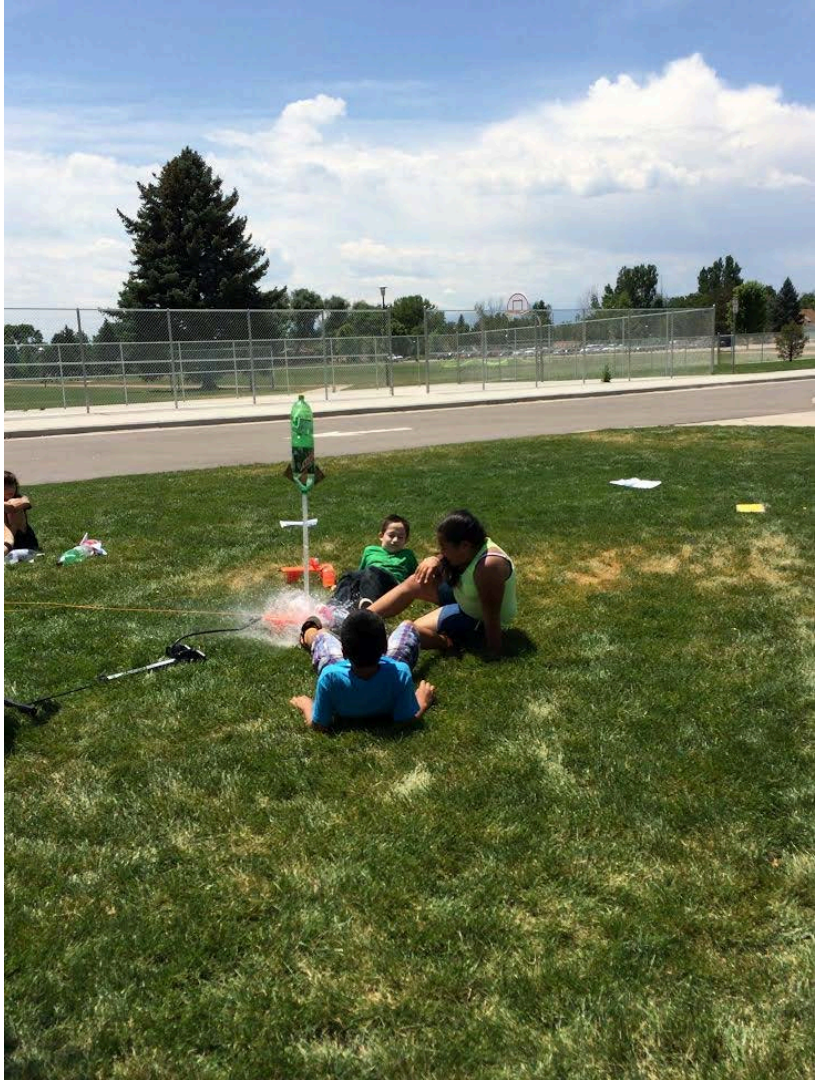
Testing our prototype

Using Technology



Summer School students are:

- Engaged
- Learning thru a STEM lens
- Challenged
- & having Fun!



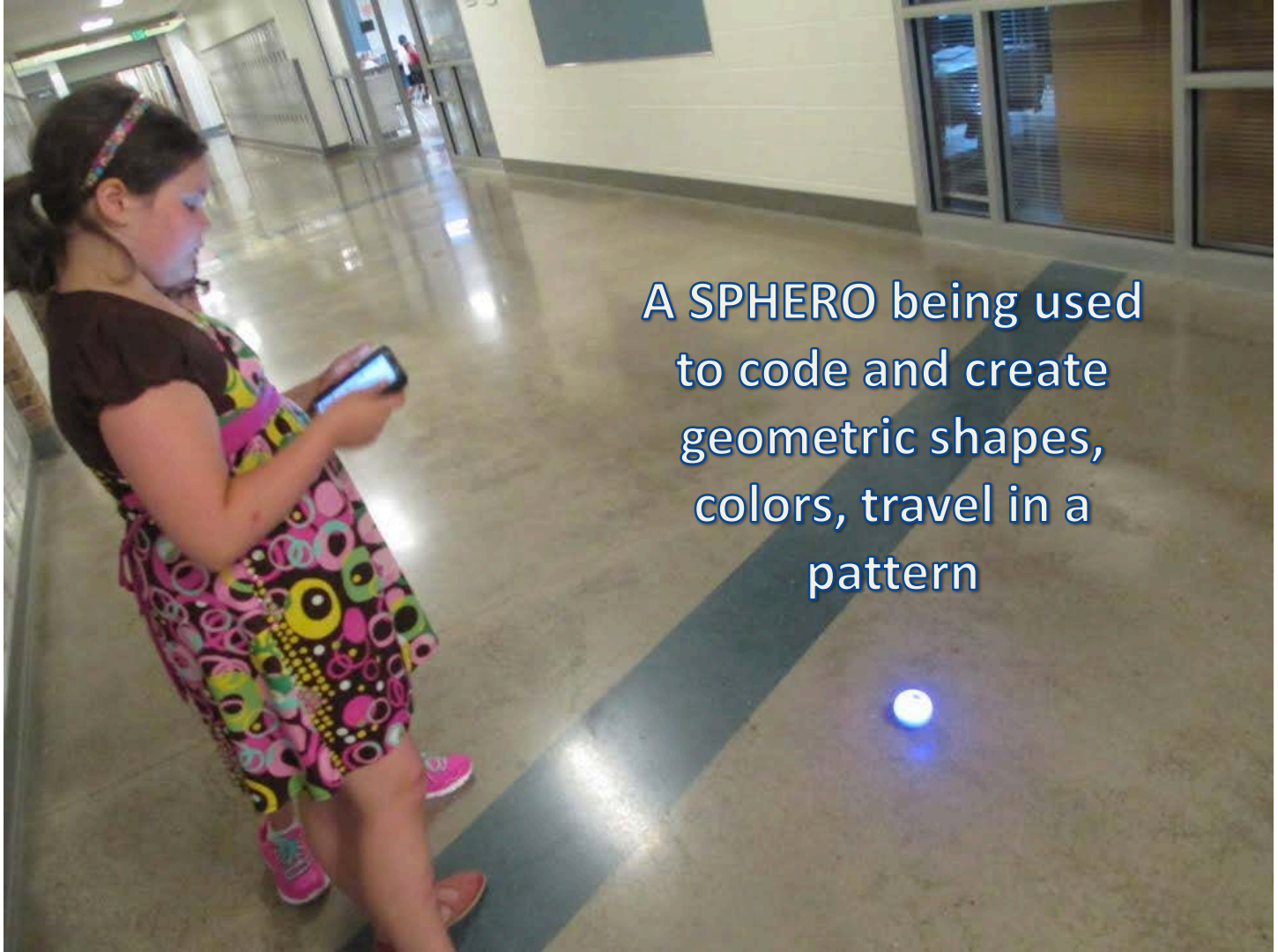
Attendance is 92% this past summer!

IC SUPERSTEM and STEM SUMMER CAMPS

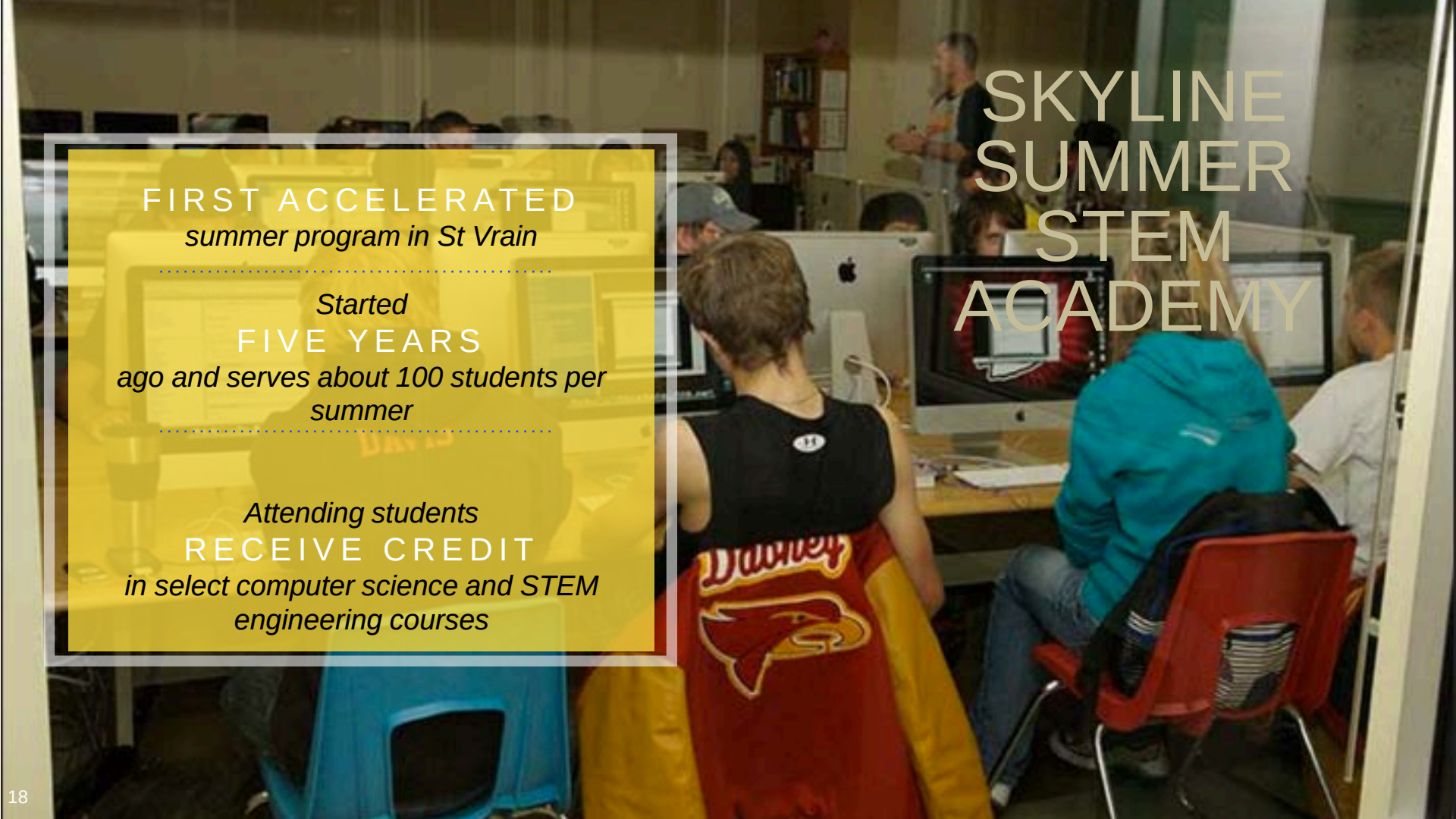
With classes like:

Cubelets
Videography
Video Game Design
Claymation
VEX robotics
eTextiles
Scratch
…and more!

Sparkfun Electronics Instructor teaching arduinos for SuperStem


A SPHERO being used to code and create geometric shapes, colors, travel in a pattern

SKYLINE SUMMER STEM ACADEMY



FIRST ACCELERATED
summer program in St Vrain

Started
FIVE YEARS
ago and serves about 100 students per summer

Attending students
RECEIVE CREDIT
in select computer science and STEM engineering courses

Skyline Mini-STEM summer engineering class

INNOVATION ACADEMY

Every summer, IBM partners with St Vrain to help

ELEMENTARY

students work alongside industry engineers

Students learn the

DESIGN THINKING

process to tackle real-world problems based on…

SMARTER PLANET

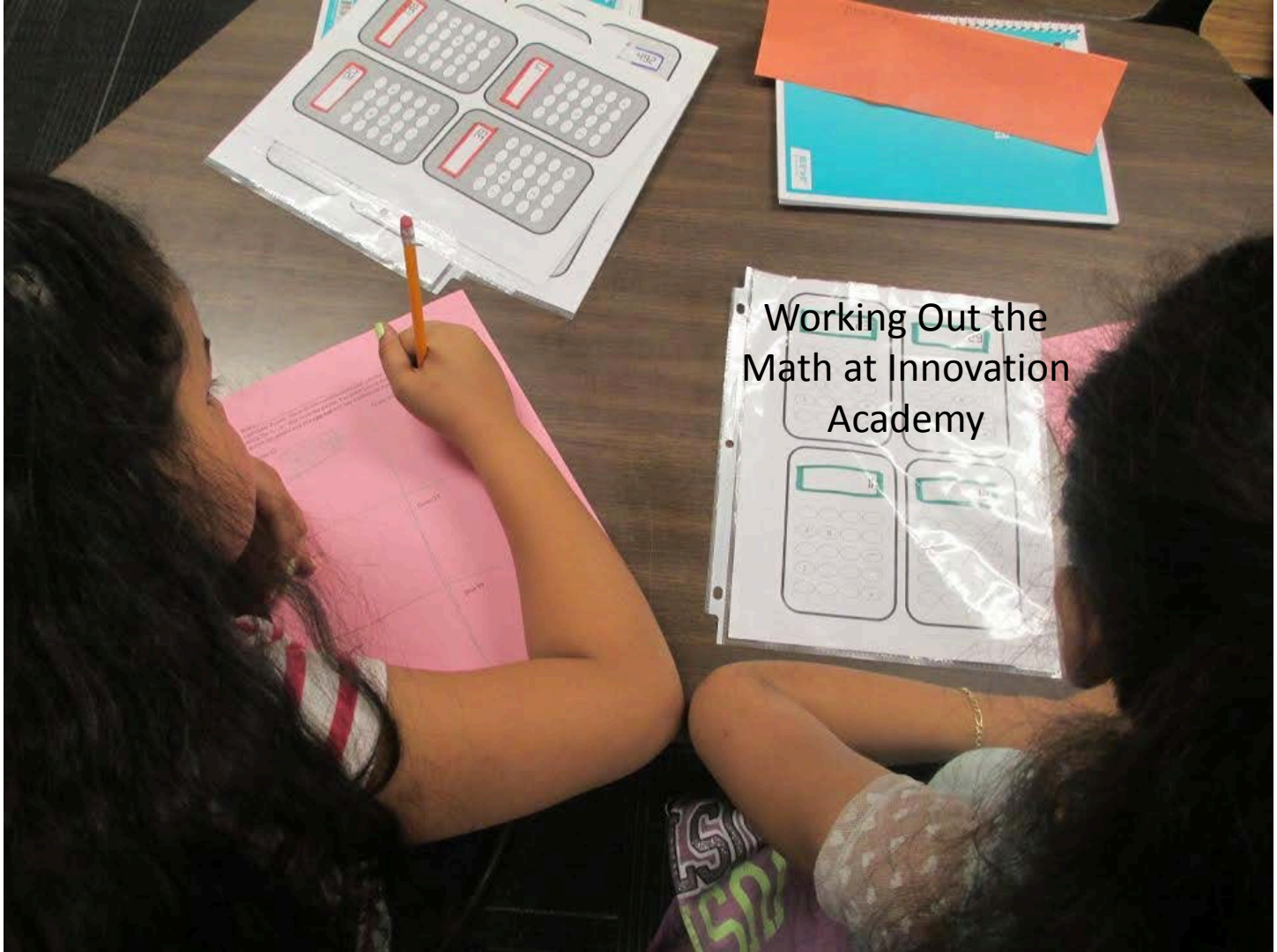
Initiatives, including smarter water, transportation, buildings, food, and more.

Students are also exposed to

ROBOTICS & COMPUTER SCIENCE

throughout their experience

Prototyping at IBM Academy


Working Out the
Math at Innovation
Academy

THANK YOU

St. Vrain Valley School District and the Innovation Center.

ST. VRAIN VALLEY SCHOOLS
academic excellence by design