

MIND THE GAP

FINDING & FILLING SCHOOL NEEDS WITH LIBRARY PROGRAMMING

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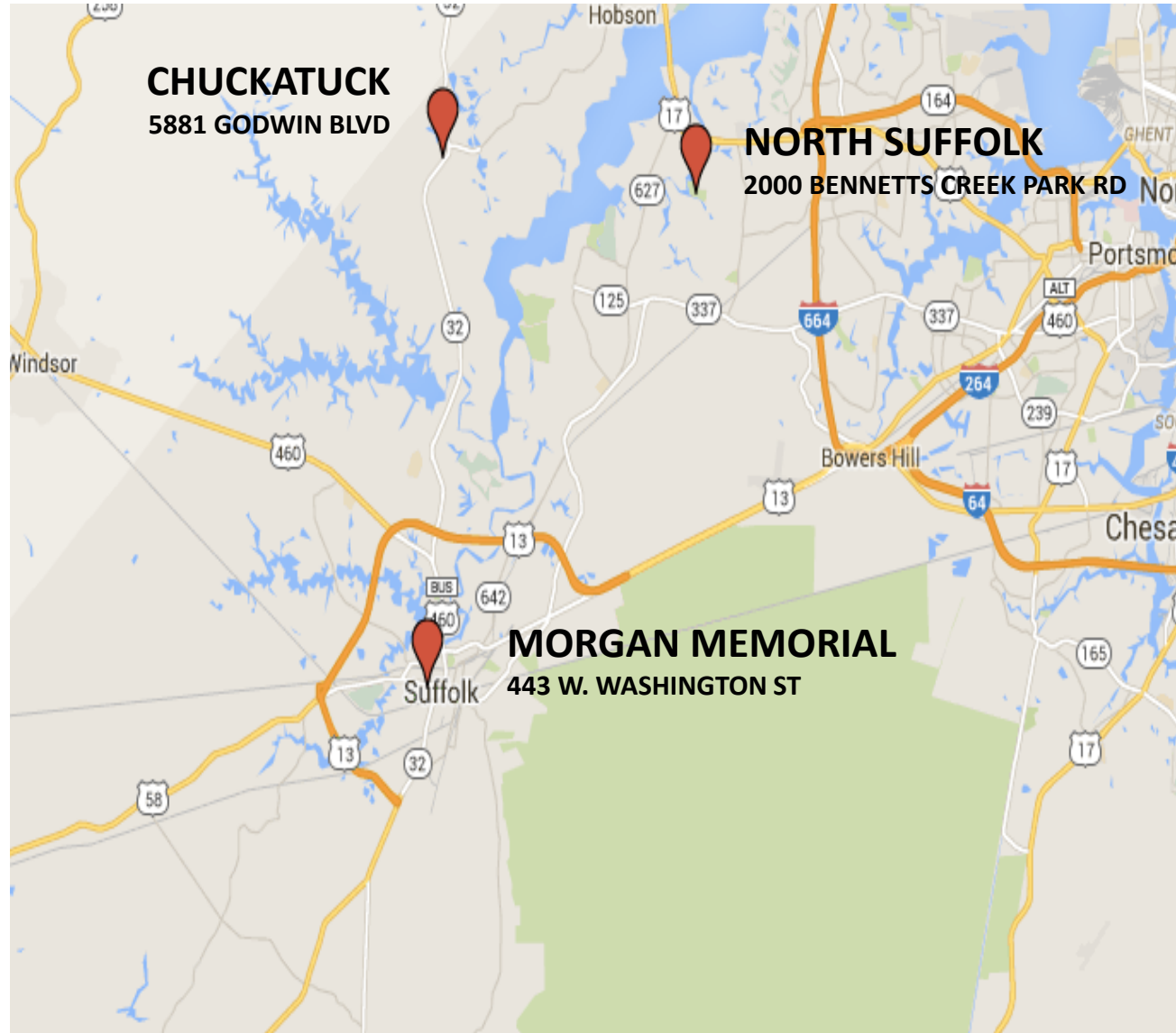
AGENDA

- Finding the Gap and Building Partnerships
 - Determining a need
 - Finding our 'in'
- Filling the Gap
 - Benefits of Coding
 - Plugged & Unplugged Activities
 - Pilot program
 - Impact
- Where do we go from here?
- Play Time

**WHAT DOES YOUR LIBRARY'S
RELATIONSHIP WITH THE SCHOOL
SYSTEM LOOK LIKE?**

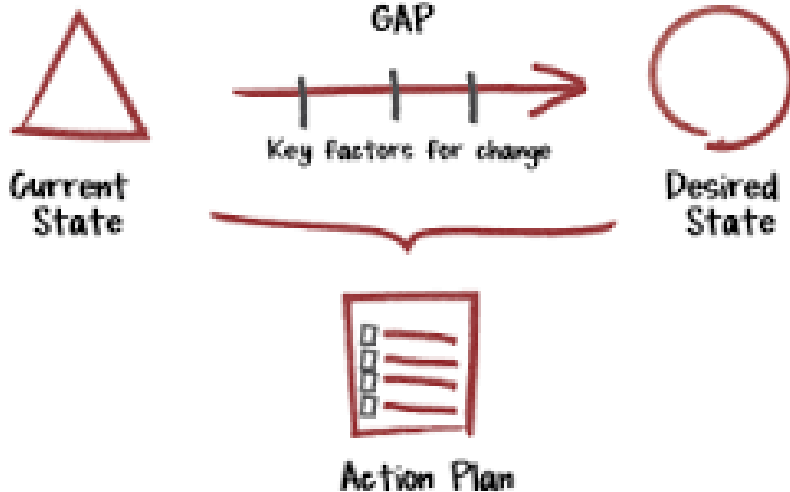
FINDING THE GAP, BUILDING PARTNERSHIPS

GETTING TO KNOW THE SUFFOLK COMMUNITY



FINDING THE GAP, BUILDING PARTNERSHIPS

Gap Analysis



- **TECH = LABS**
- **TECH RESOURCE CLASS**
- **ROTATING LEADERSHIP**
- **NO TECH CURRICULUM**

FINDING OUR IN: CODING

1. City of Suffolk Vision for Public Education
2. Large number of Title I Schools
3. Goal: Expose students to accessible technology
4. Answer: Coding
5. Availability of Resources

FIILLING THE GAP

**WHAT ARE THE
BENEFITS OF
“CODING?”**

**WHAT ROLE
DOES IT PLAY IN
THE SCHOOLS?**



YOU CAN CODE ANYWHERE

**PLUGGED-IN
ACTIVITIES**

**UNPLUGGED
ACTIVITIES**

BOOKS



GETTING STARTED

**HAVE A COMPLETE
IDEA**

FIND YOUR ALLY

MEETINGS

TIMELINE



GO!

THE SCHOOLS

OAKLAND ELEMENTARY SCHOOL

Free/Reduced Lunch: 44.5% | Fully Accredited
Proficiency in: Reading – 86%, Math - 87%, Science – 83%

Constraints?

- Time commitment



Program Specifics:

- 1st grade – 1 specific class
- Met in homeroom
- School provided laptops
- Weekly visit
- November - March
- Course 1



THE SCHOOLS

MACK BENN, JR ELEMENTARY SCHOOL

Free/Reduced Lunch: 87.35% | Accreditation Denied

Proficiency in: Reading – 65%, Math - 69%, Science – 68%

Constraints?

- Different T.A. for each class
- Students had a difficult time transitioning
- Variety of learning abilities – inclusion classes
- Too long between visits



Program Specifics:

- 4th grade – entire grade
- Met during scheduled computer resource time
- Utilized school computer lab
- Monthly visit (every day for an entire week to reach each 4th grade class)
- November – March
- Course 2



MEASURING IMPACT

OAKLAND ELEMENTARY

- Four students completed Course 1
- Two students moved onto Course 2
- Final “Quiz” – Average score: 92%
- Impact on SOL testing

MACK BENN, JR ELEM.

- Many students unable to finish
- Course evaluation results



LESSONS LEARNED

OAKLAND ELEMENTARY

Time is valuable.

1st graders are flexible and creative thinkers.

Being treated as a “reward” is meaningful.

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Consistency is key.

Not all students are ready or willing to learn.

Know the school & meet them where they're at.

WHERE DO WE GO FROM HERE?

CURRENT LIMITATIONS

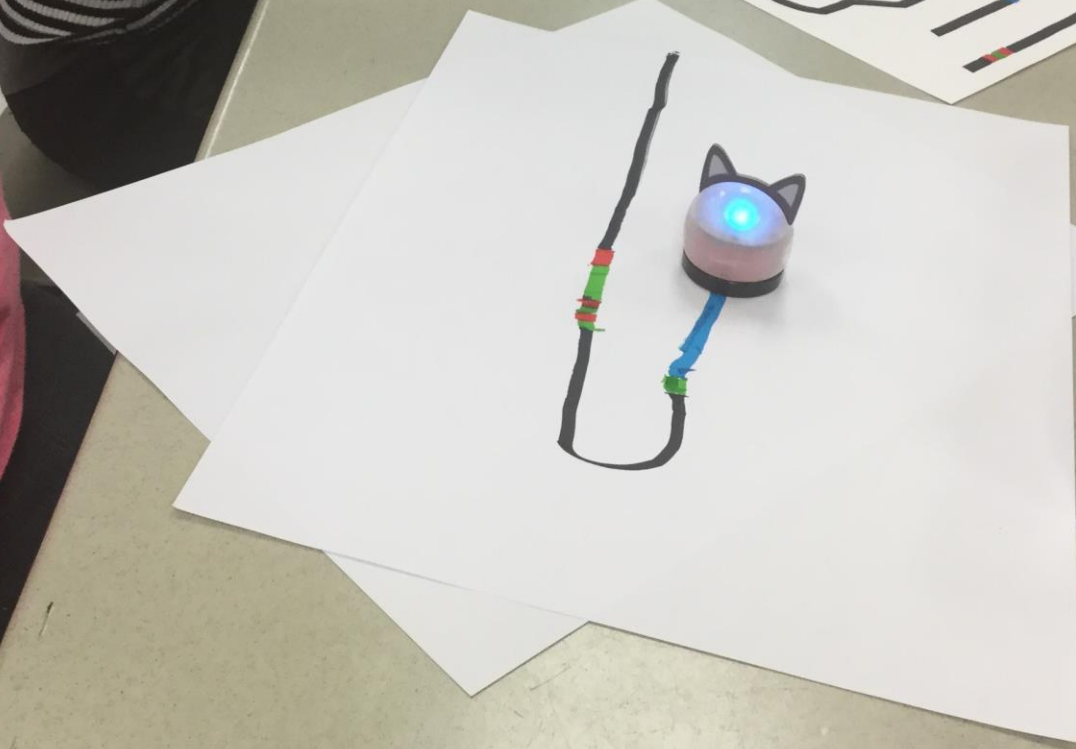
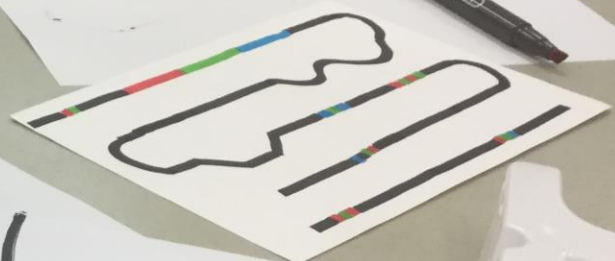
SUSTAINABILITY

POTENTIAL SOLUTIONS

PRINCESS

(noun)

a girl who rules the world
who is kind, always tells the truth
sparkles and has a big imagination
dreams big






PLAY TIME

Help the bee collect nectar to make honey. What is the condition?



Blocks

- N ↑
- W ←
- S ↓
- E →
- make 
- get 


PLAY TIME




when run ▶

N ↑


E →


get 

get 

E →

S ↓

make 

make 

Because there are TWO flowers to collect nectar from, you need to make honey twice.

QUESTIONS?

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For More Resources, Visit

<http://bit.ly/2yeJPY7>