



# NEW PEDAGOGIES FOR DEEPER LEARNING

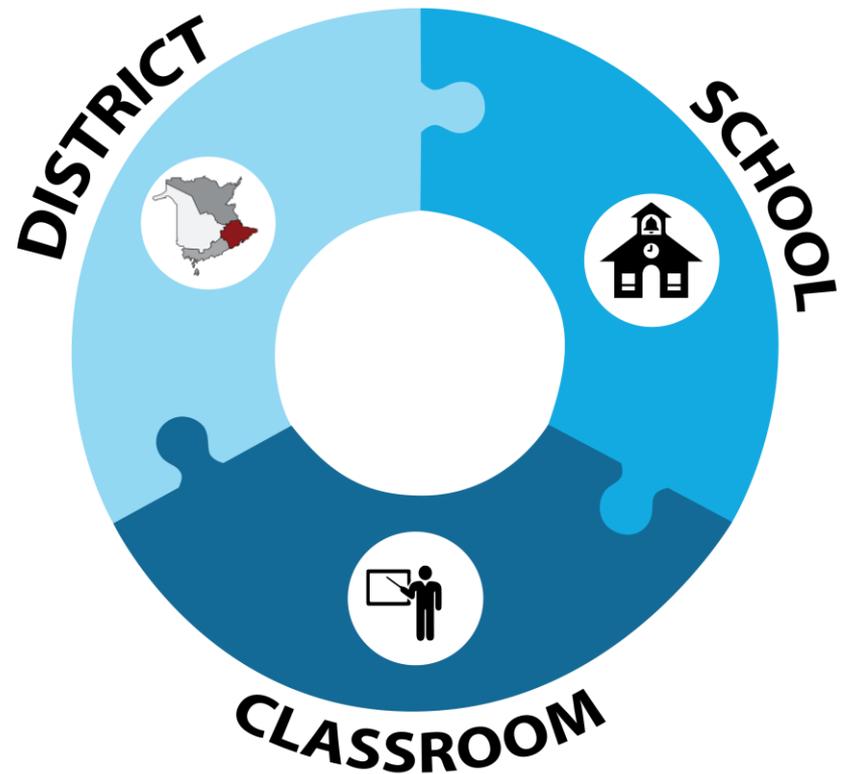
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ANGLOPHONE EAST SCHOOL DISTRICT, NB

# NPDL TOGETHER

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- JULIE GAUTREAU
- AJ HARRIS
- NICK MATTATALL
- ADAM ROGERSON
- PAMELA WILSON



# OUR DISTRICT **NPDL** JOURNEY

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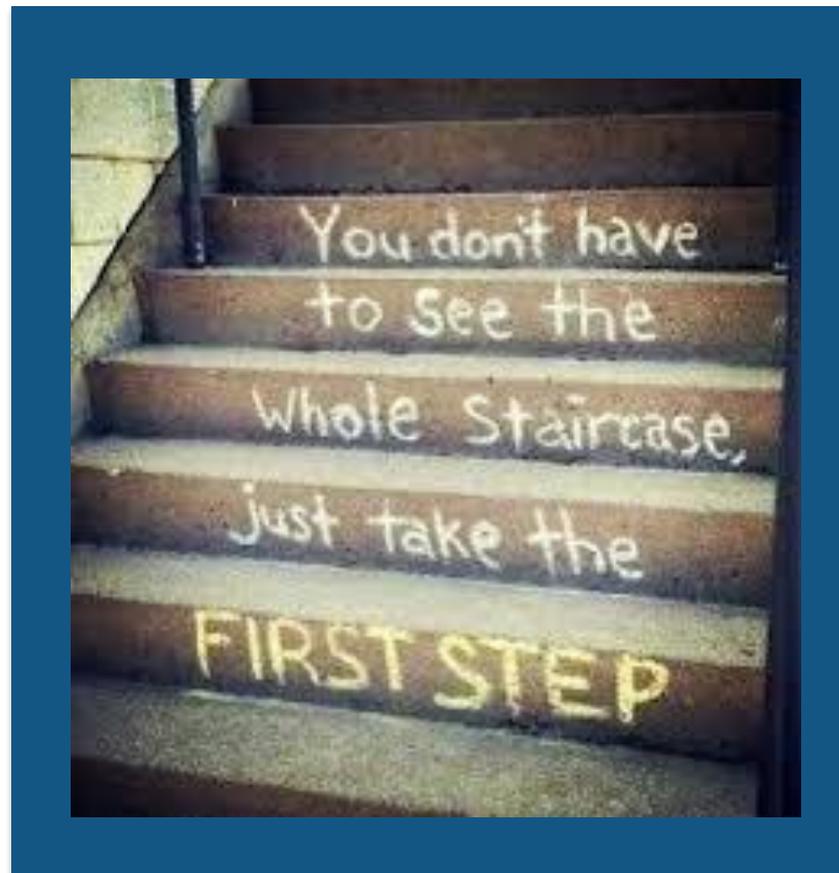
ANGLOPHONE EAST, NB



# OUR DISTRICT NPD L JOURNEY

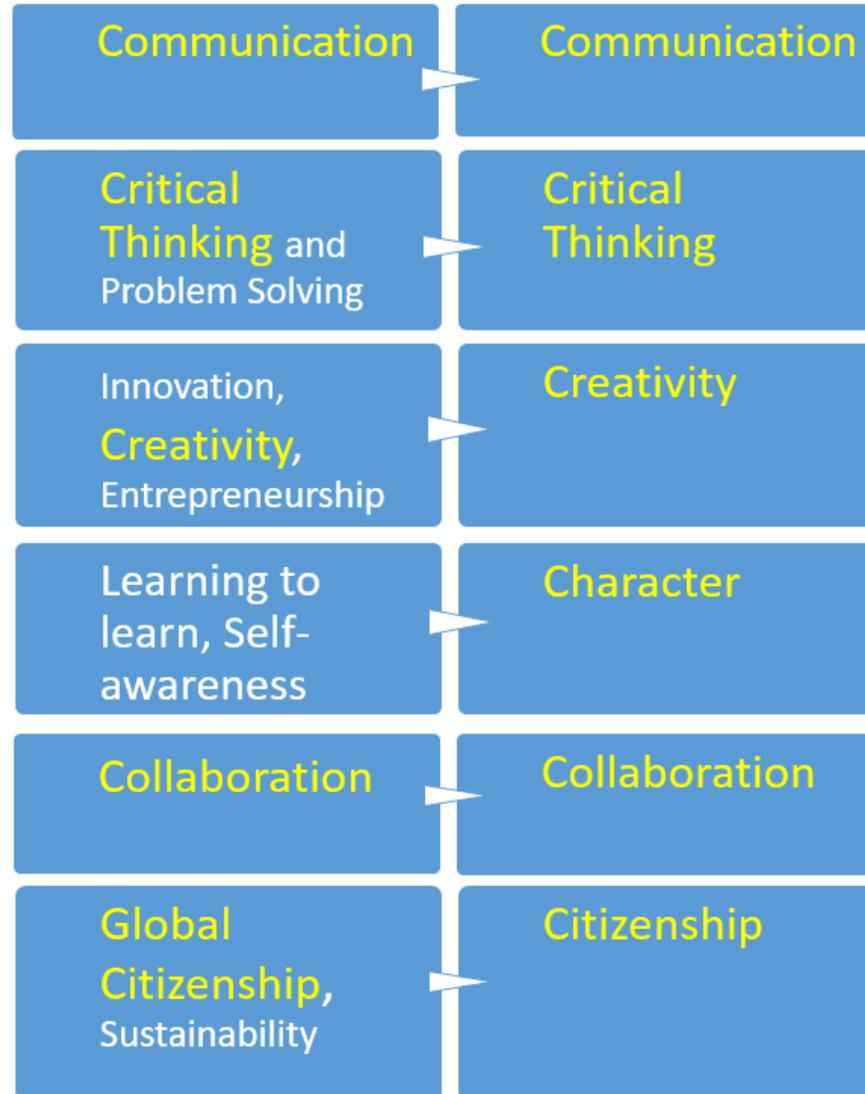


ANGLOPHONE EAST, NB



**Pan Canadian Global Competencies**

**NPDL Competencies**



# WHAT IS NPDL?



# THE 4 PILLARS OF NPDL:



# PILLAR 1: NEW PEDAGOGIES

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- TEACHING FRAMEWORKS
  - INQUIRY
- STUDENT LED
- DIFFERENTIATION
- TRIANGULATION OF DATA



# PILLAR 2: LEARNING PARTNERSHIPS

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- **CROSS-GRADE** PARTNERSHIPS
- PARTNERSHIP WITH **OTHER SCHOOLS/DISTRICTS**
- INCLUDE **PARENTS** IN PROCESS
- **PROFESSIONALS** AND **COMMUNITY**



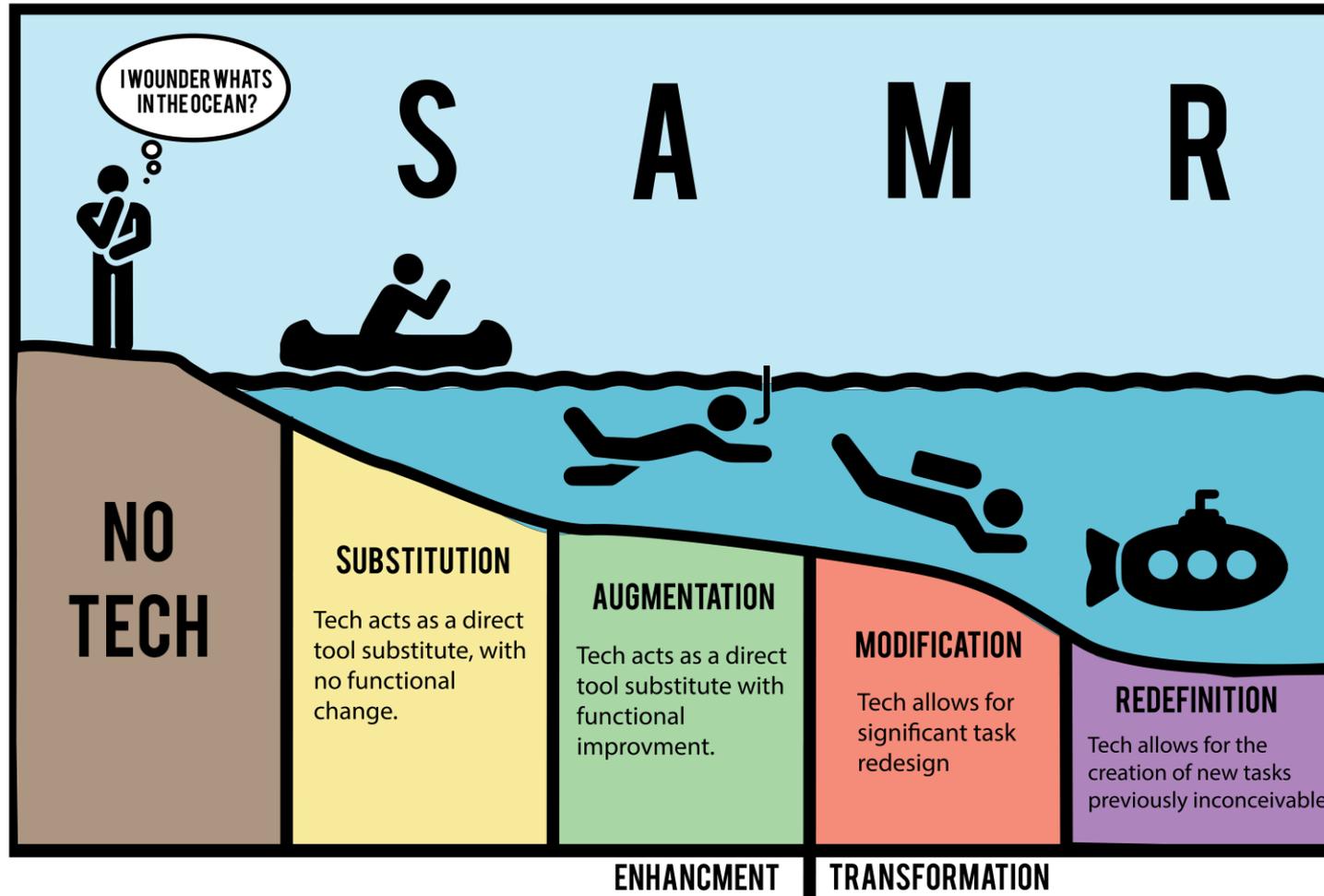
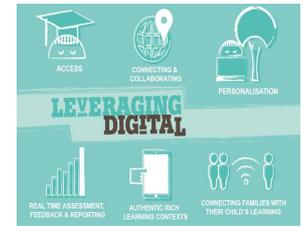
# PILLAR 3: LEVERING DIGITAL

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- **FUNDING**
- **COLLABORATION**
- **SCHOOL GOALS**
- **TRAINING**
- **USING TECHNOLOGY TO FULL CAPACITY**



# TECHNOLOGY INTEGRATION



# PILLAR 4: LEARNING ENVIRONMENT

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- SAFE AND INCLUSIVE CLASSROOMS
- CULTURE: **OUT** OF THE CLASSROOM
- DIGITALLY **CONNECTING**



# LEARNER-FOCUSED CLASSROOM



## 8 Things to Look for in Today's Classroom

by George Couros

### 1 VOICE

★ Students should learn from others and then share their learning.

### 2 CHOICE

★ STRENGTH-BASED LEARNING  
★ Give students a choice.

### 3 TIME FOR REFLECTION

★ EVERYONE (teachers, admin, students) should write and reflect on what is being learned.

### 8 CONNECTED LEARNING

★ Bring experts into your class via social media and video-conferencing.

CLASSROOMS need to be LEARNER-FOCUSED

### 4 OPPORTUNITIES for INNOVATION

★ Example: Build a hovercraft from a YouTube video!

### 7 SELF-ASSESSMENT

★ Important that students know how to do this.  
★ Use portfolios.

### 6 PROBLEM SOLVERS/FINDERS

★ Give students tough challenges and let them find innovative solutions.

### 5 CRITICAL THINKERS

★ Ask questions and challenge what you see.

[bit.ly/gcouros8](http://bit.ly/gcouros8)

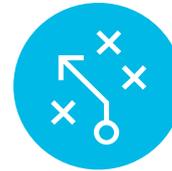
@yivieduckworth

# THE 6CS OF DEEP LEARNING

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## CREATIVITY

Having an 'entrepreneurial eye' for economic and social opportunities, asking the right inquiry questions to generate novel ideas, and leadership to pursue those ideas and turn them into action.



## CRITICAL THINKING

Critically evaluating information and arguments, seeing patterns and connections, constructing meaningful knowledge, and applying it in the real world.

## COMMUNICATION

Communicating effectively with a variety of styles, modes, and tools (including digital tools), tailored for a range of audiences.



## CHARACTER

Learning to deep learn, armed with the essential character traits of grit, tenacity, perseverance, and resilience; and the ability to make learning an integral part of living.

## CITIZENSHIP

Thinking like global citizens, considering global issues based on a deep understanding of diverse values and worldviews, and with a genuine interest and ability to solve ambiguous and complex real-world problems that impact human and environmental sustainability.



## COLLABORATION

Work interdependently and synergistically in teams with strong interpersonal and team-related skills including effective management of team dynamics and challenges, making substantive decisions together, and learning from and contributing to the learning of others.

# **NPDL IN ACTION!**

**DEEP LEARNING: THE 6 COMPETENCIES**

# CREATIVITY



- ENTREPRENEURIAL EYE
- SOCIAL OPPORTUNITIES
- INQUIRY QUESTIONS
- NOVEL IDEAS
- LEADERSHIP
- TAKE ACTION



# COMMUNICATION



- COMMUNICATING EFFECTIVELY
- VARIETY OF STYLES, MODES AND TOOLS
- TAILORED FOR A RANGE OF AUDIENCES



# CITIZENSHIP



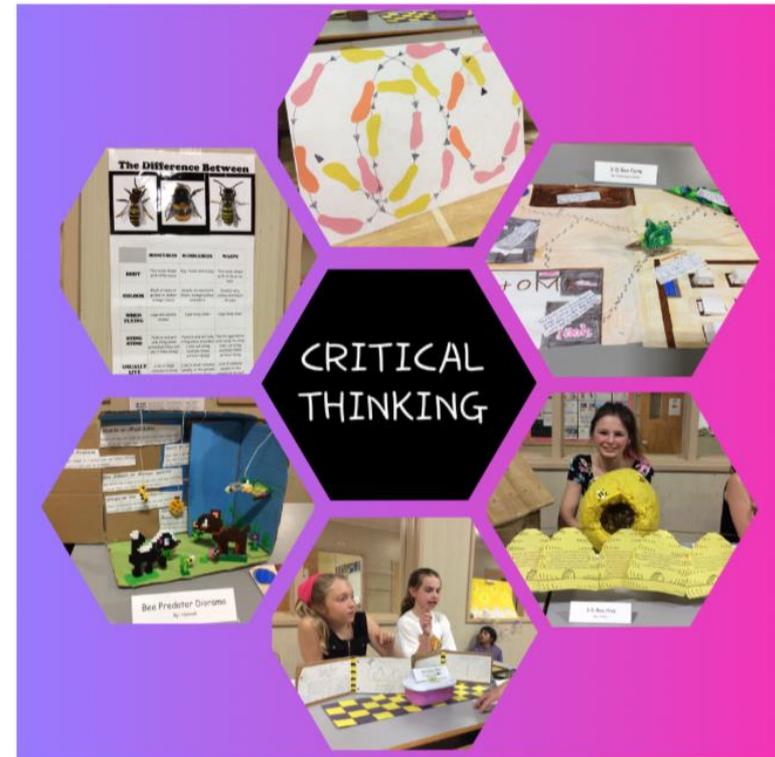
- THINKING LIKE GLOBAL CITIZENS
- CONSIDERING GLOBAL ISSUES
- DEEPER UNDERSTANDING
- DIVERSE VALUES AND WORLDVIEWS
- GENUINE INTEREST
- ABILITY TO SOLVE AMBIGUOUS AND COMPLEX REAL-WORD PROBLEMS THAT IMPACT HUMAN AND ENVIRONMENTAL SUSTAINABILITY



# CRITICAL THINKING



- EVALUATING INFORMATION AND ARGUMENTS
- SEEING PATTERNS AND CONNECTIONS
- CONSTRUCTING MEANINGFUL KNOWLEDGE
- APPLYING KNOWLEDGE TO REAL WORLD



# CHARACTER



- LEARNING TO DEEP LEARN
- ESSENTIAL CHARACTER TRAITS: GRIT, TENACITY, PERSEVERANCE AND RESILIENCE
- ABILITY TO MAKE LEARNING AN INTEGRAL PART OF LIVING



# COLLABORATION



- WORKING INTERDEPENDENTLY AND SYNERGISTICALLY IN TEAMS
- STRONG INTERPERSONAL AND TEAM-RELATED SKILLS
- EFFECTIVELY MANAGING TEAM DYNAMICS AND CHALLENGES
- MAKING SUBSTANTIVE DECISIONS TOGETHER
- LEARNING FROM AND CONTRIBUTING TO THE LEARNING OF OTHERS



# STUDENTS SPEAK

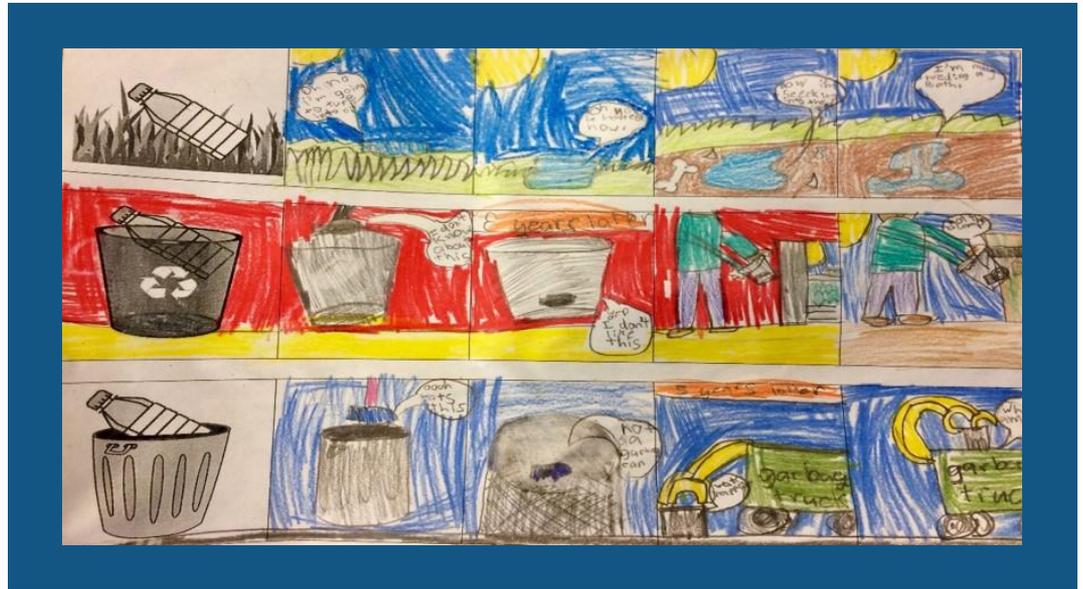
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# WHERE DOES PLASTIC GO?

## ENGAGE

- START WITH AN INQUIRY QUESTION
- STUDENTS REALIZE THEY DO NOT KNOW THE ANSWER



# STUDENTS INVESTIGATE

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## EXPLORE

- **STUDENTS INVESTIGATED AND CHALLENGE THEIR OWN IDEAS**
- **OUTSIDE AND IN THE CLASSROOM**

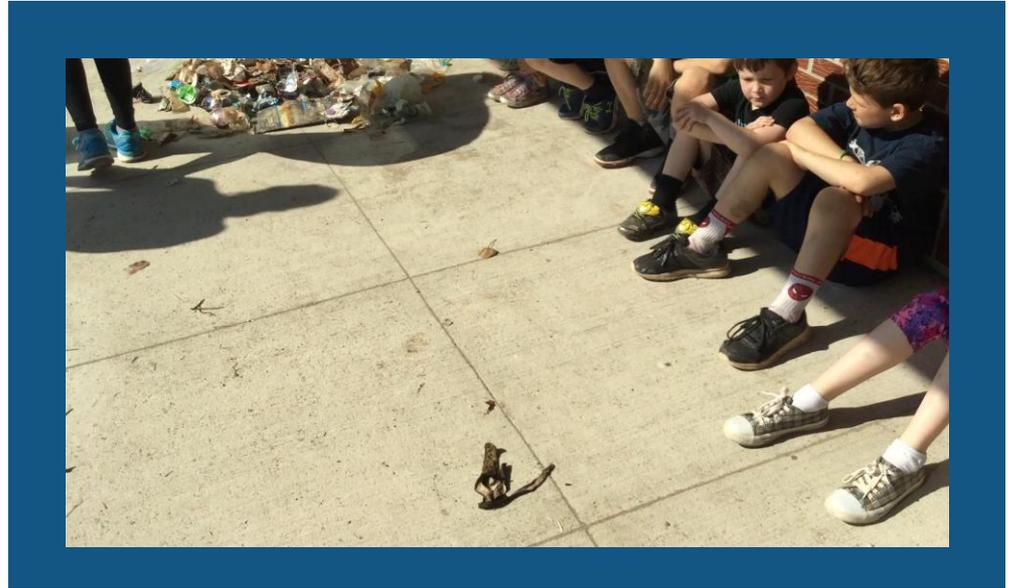


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# WE RESEARCH

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## EXPLAIN

- **STUDENTS ARE READY TO LEARN**
- **STUDENTS ASK QUESTIONS AND SEEK ANSWERS**

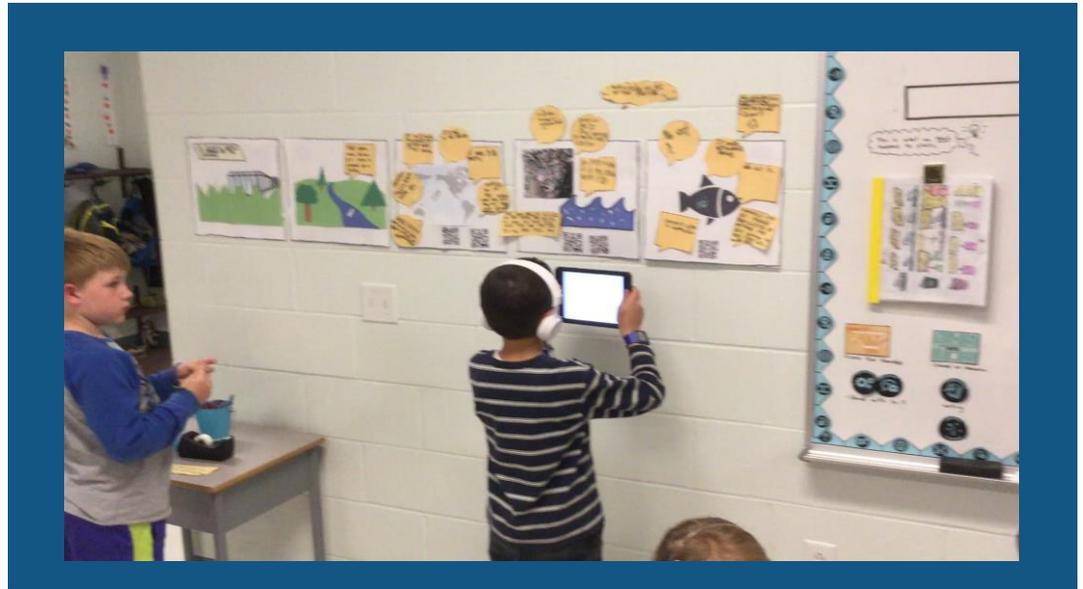


# WE RESEARCH

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## EXPLAIN

- **STUDENTS ARE READY TO LEARN**
- **STUDENTS ASK QUESTIONS AND SEEK ANSWERS**



# STUDENTS INVENTED SOLUTIONS

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## EXPLAIN

- STUDENTS DESIGN A SOLUTION
- THEY CREATE THEIR PROJECT WITH ANY MEDIUM THEY WANT



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## EXPLAIN

- STUDENTS DESIGN A SOLUTION
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# STUDENTS SHARE

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## EVALUATE

- **PRESENT TO OTHER GRADE LEVELS, COMMUNITY, AND OTHER COUNTRIES**



# STUDENTS SHARE

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## EVALUATE

- **PRESENT TO OTHER GRADE LEVELS, COMMUNITY, AND OTHER COUNTRIES**



# PLASTIC PROJECT

NPDL



# WHERE DOES YOUR FOOD COME FROM?

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NPDL

