

# **INNOVATION EDUCATION INCUBATOR**

**AT BUNCHE ACADEMY 2012**



# WHAT IS INNOVATION?

Innovation  
is.....

**YOU MAY CHOSE 1:**

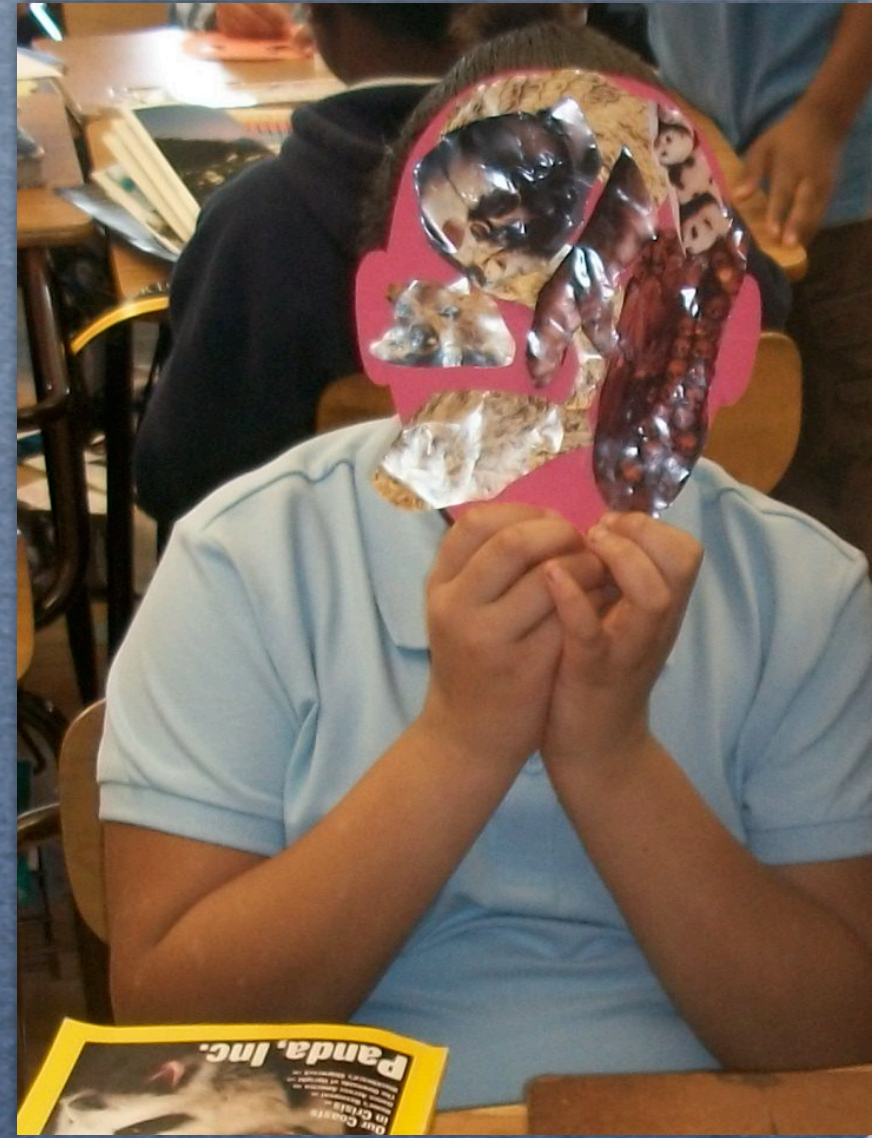
- \*WRITE A SENTENCE
- \*LIST OF 5-10 WORDS
- \*DRAW A PICTURE
- \*SELECT ANOTHER WAY





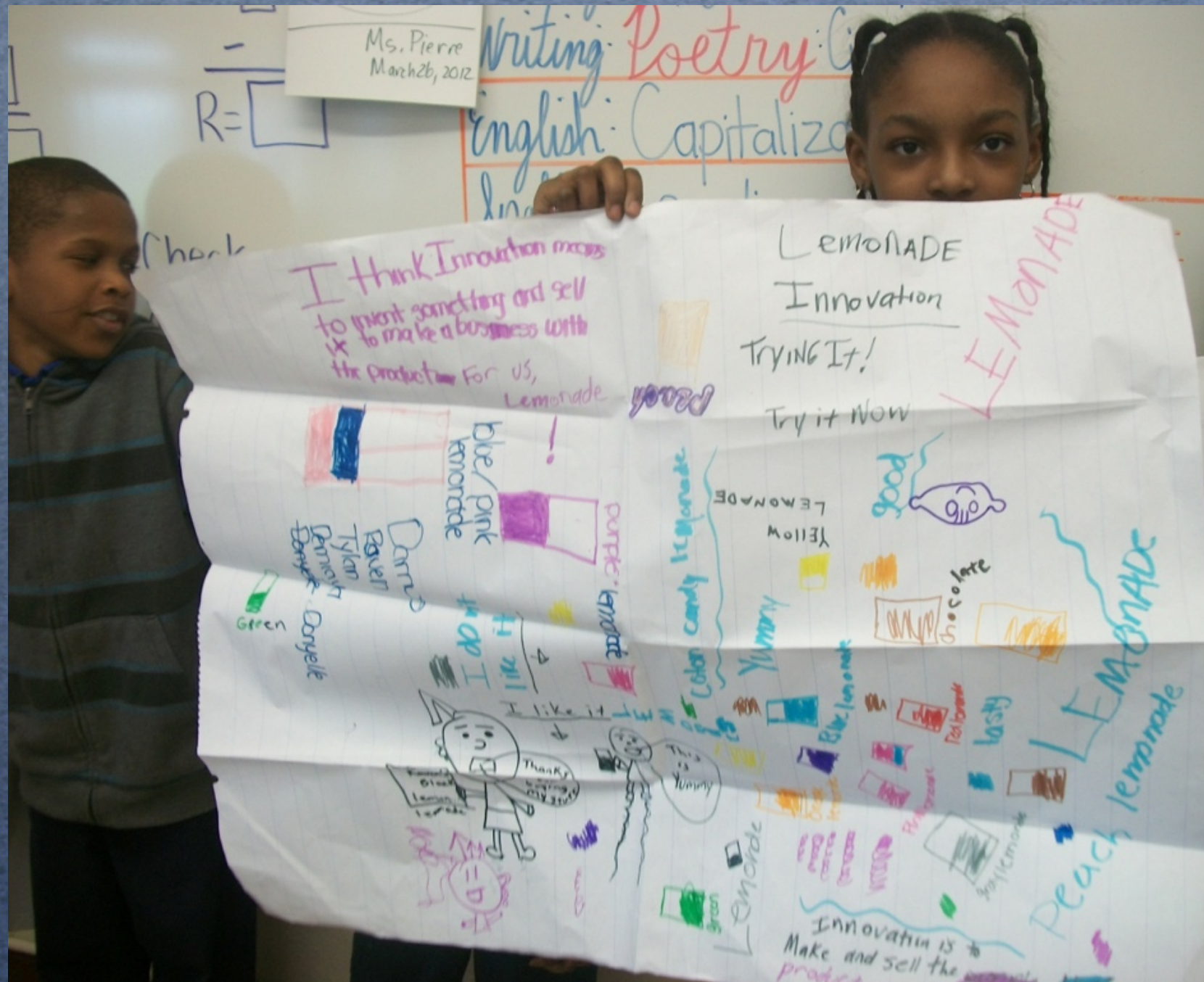
# GALLERY WALK

HAVE YOUR  
GROUP SHOW  
THEIR WORK  
IN A GALLERY  
SHOW & TELL





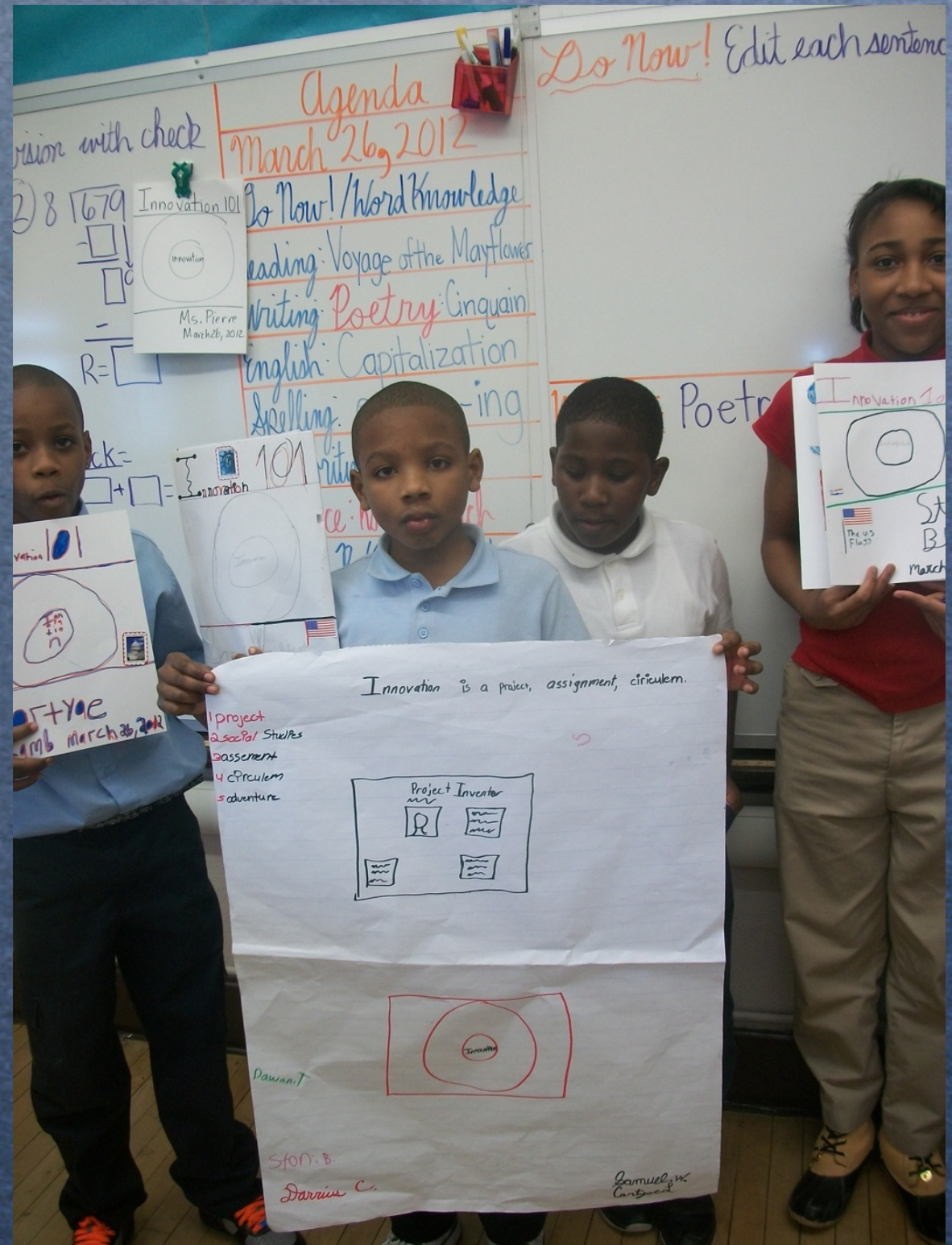
# GROUP INTERPRETATION





# WHAT IS INNOVATION?

## GROUP INTERPRETATION





# WHAT IS INNOVATION?

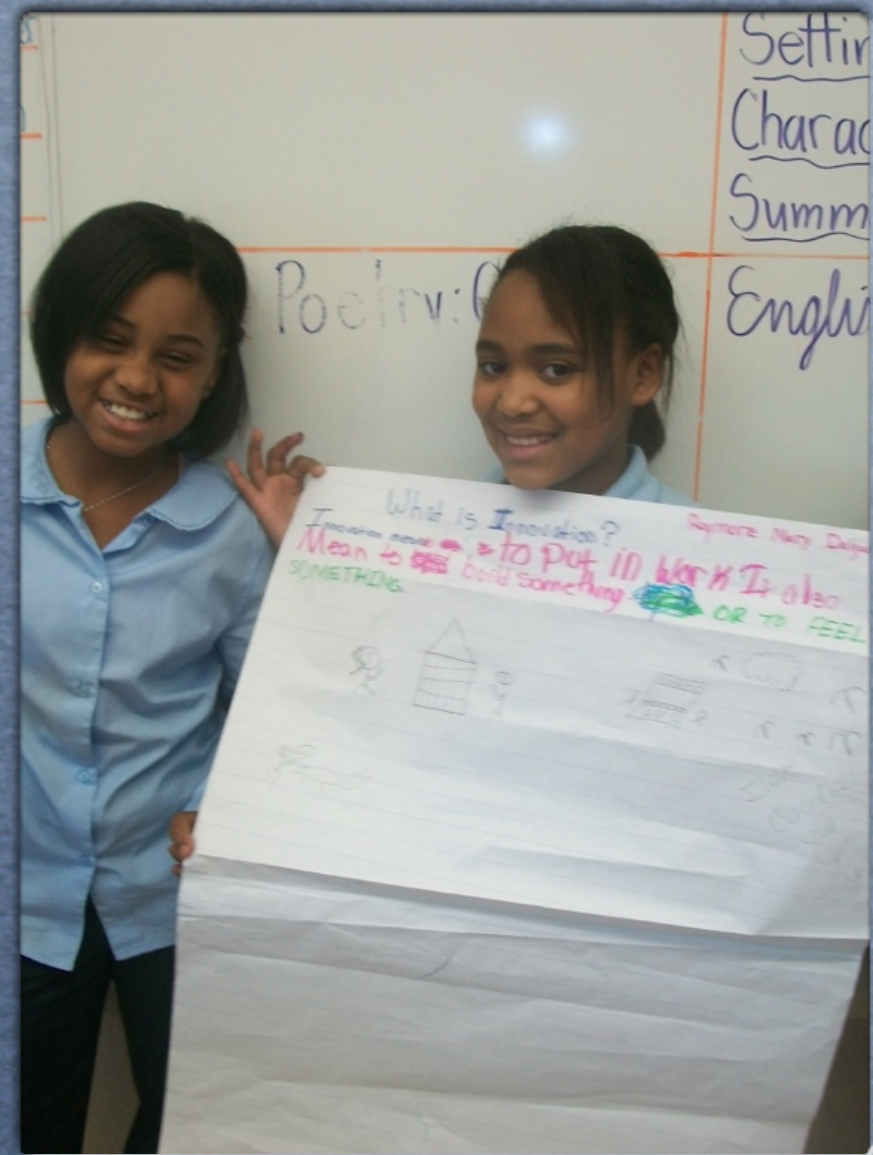
## GROUP INTERPRETATION





# WHAT IS INNOVATION?

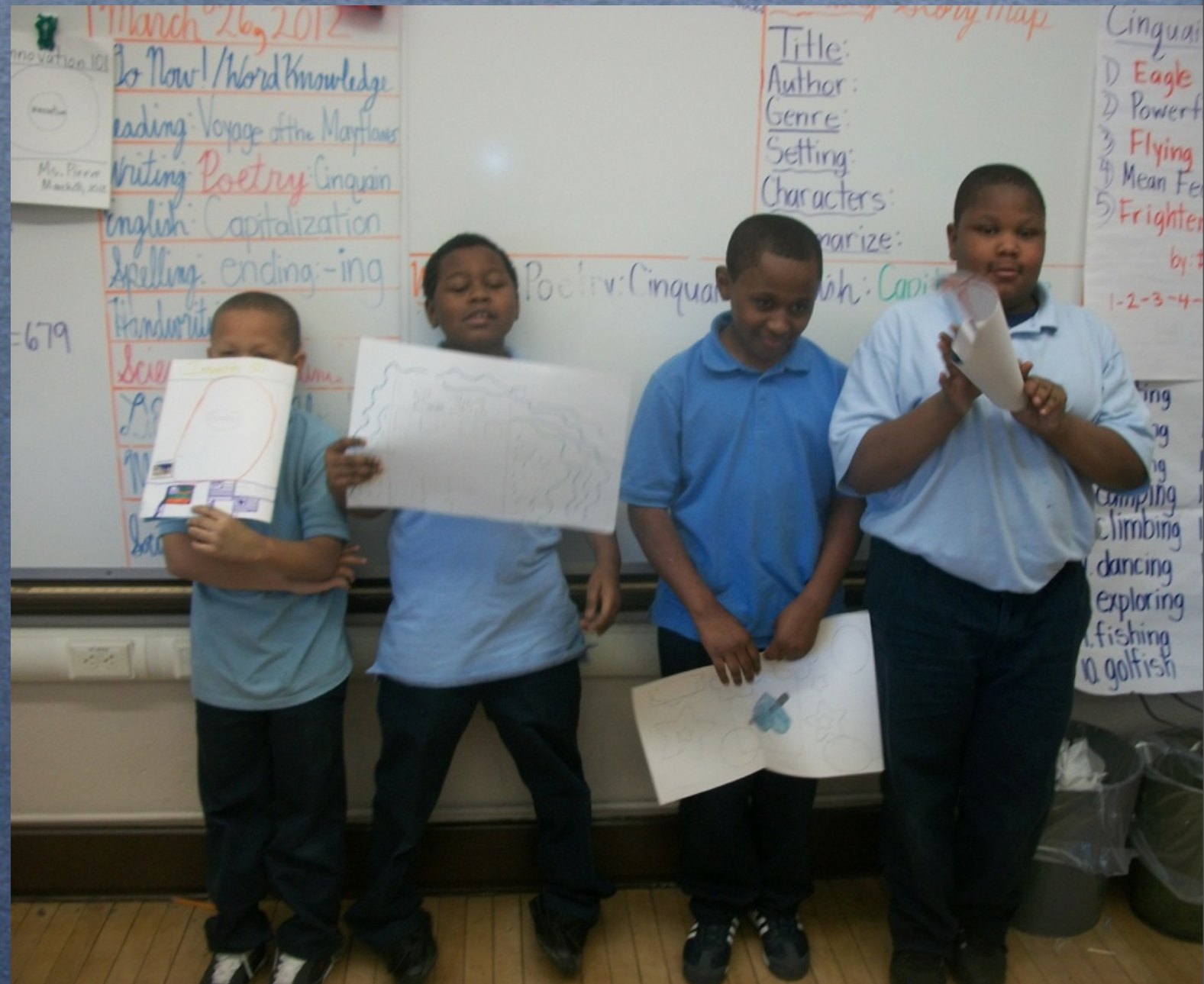
## GROUP INTERPRETATION





# WHAT IS INNOVATION?

## GROUP INTERPRETATION





# ONINNOVATION VIDEO

[www.oninnovation.com/  
about/about-  
oninnovation.aspx](http://www.oninnovation.com/about/about-oninnovation.aspx)

USE YOUR FOLDER TO TAKE  
NOTES  
REMEMBER 5WS & H?





# VOCABULARY DEFINITIONS

ENGINEERING

ENTREPRENEUR

EXPERIMENTATION

FAILURE

FEEDBACK

FLAT WORLD

HARDWORKING

IMAGINATION

INDIVIDUALITY

INFLUENCE

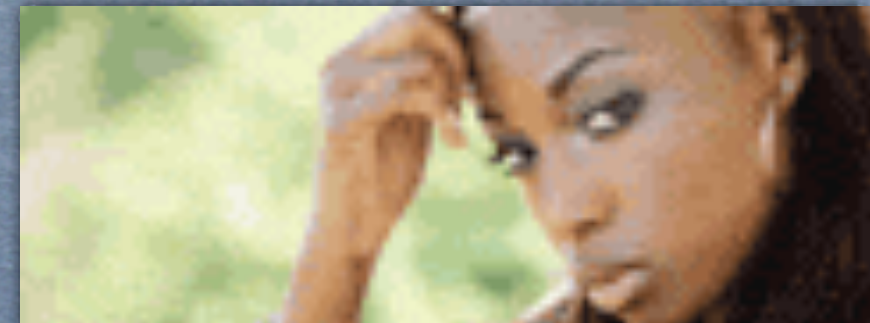
INNOVATION

INSPIRATION

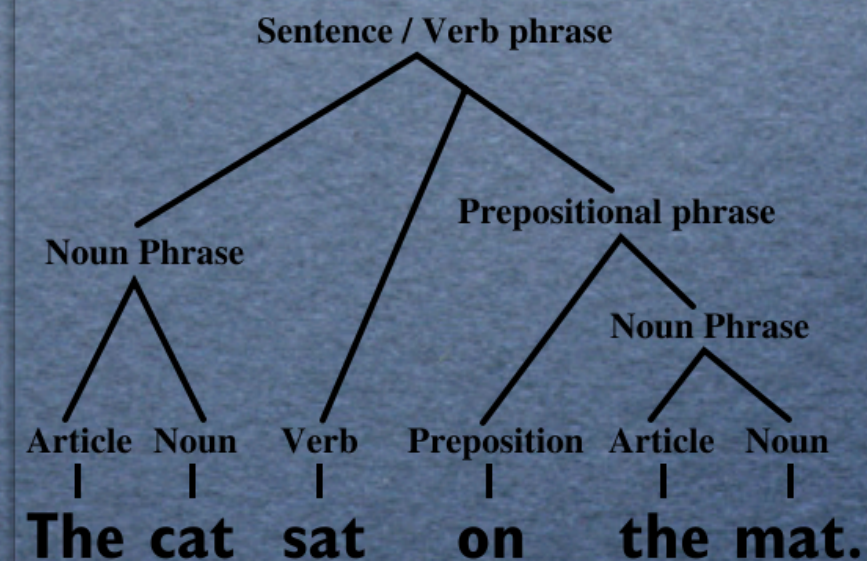
INTELLECTUAL PROPERTY

INVENTION

OPPORTUNISTIC



Basic constituent structure analysis of a sentence:





# ACTIVITIES

## RUBRIC: BUILDING A TOWER

1. TEAM OF SIX NEEDED
2. WORK TOGETHER
3. PLASTIC CUPS
4. RUBBER BANDS
5. BUILD A TOWER
6. BE CREATIVE





# DESIGN

THE DESIGN  
PROCESS BEGINS  
WITH MIXED  
REACTIONS AND  
A GROUP  
DEVELOPING  
THEIR CONCEPT





# CONSTRUCTION

THIS TEAM HAS SOME  
PARTICIPANTS THAT ARE  
NOT FOLLOWING  
INSTRUCTIONS BUT, THEY  
ARE BEGINNING TO  
FUNCTION TOGETHER  
SHARING AND TAKING  
TURNS





# COOPERATION

THE GROUP DYNAMICS  
WERE VERY DIVERSE AND  
NOT ALL PARTIES WERE  
CONTENT BUT, SOME HOW  
THEY BEGAN VARIOUS  
CONSTRUCTION  
MANIPULATIONS  
INCLUDING MOST  
PARTICIPANTS





# DESIGN RE-EVALUATION

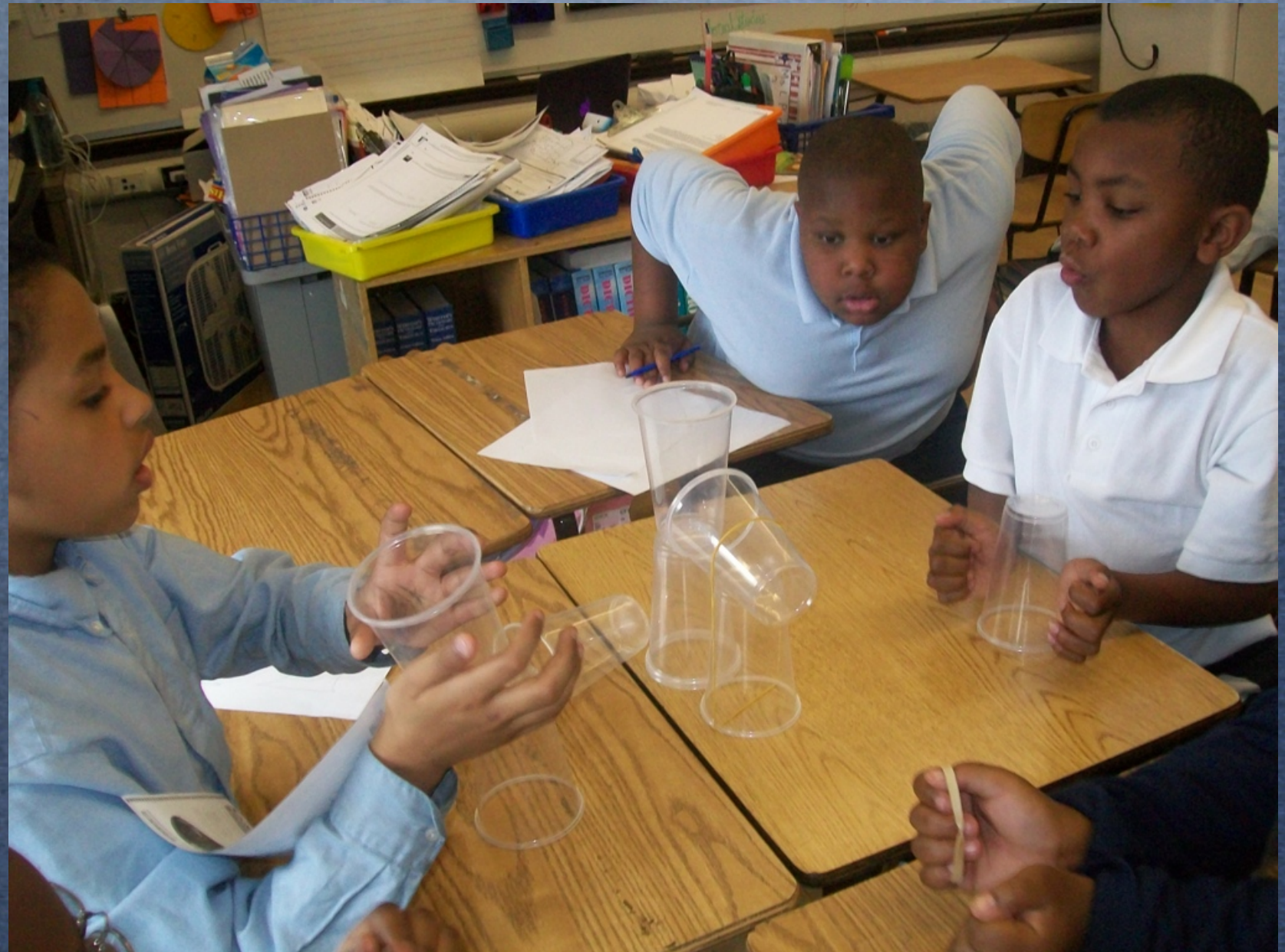
SOME GROUPS WERE  
CONSTANTLY  
THINKING AND  
TINKERING WITH THEIR  
DESIGN WITH SOME  
HAPPY ACCIDENTS





# ASSESSMENT

THIS GROUP  
DECIDED TO  
SCRAP ALL  
PREVIOUS  
MODELS AFTER  
MANY VERY  
HEATED DEBATES  
AND BUILDING  
COLLAPSES





# PROTOTYPES





# PROTOTYPES





# INNOVATION 101: CLASS NOTES

## MCDONOUGH:

- +INNOVATION IS TAKING THINGS THAT YOU HAVE AND MAKING THEM NEW; REFRESHING
- +INVENTION AND DISCOVERY ARE DIFFERENT
- +INVENTION IS REQUIRES SOMETHING THAT HAS NOT BEEN SEEN BEFORE AND IT IS SIMILAR TO INNOVATION
- +THE LIGHT BULB IS AN INVENTION
- +DISCOVERY INSPIRES INNOVATION
- +EFFECTIVE MEANS DOING THE RIGHT THING THAT WORKS
- +EFFICIENT MEANS USING THE RIGHT

**THIS WAS A  
NATURAL  
ADAPTATION  
FOR MY CLASS:**

**ILLUSTRATED NOTE  
TAKING AND PROMPTED  
STUDENTS TO FIND  
IMPORTANT IDEAS**



# INNOVATORS

TOSHIKO MORI

ELON MUSK

WILLIAM MCDONOUGH

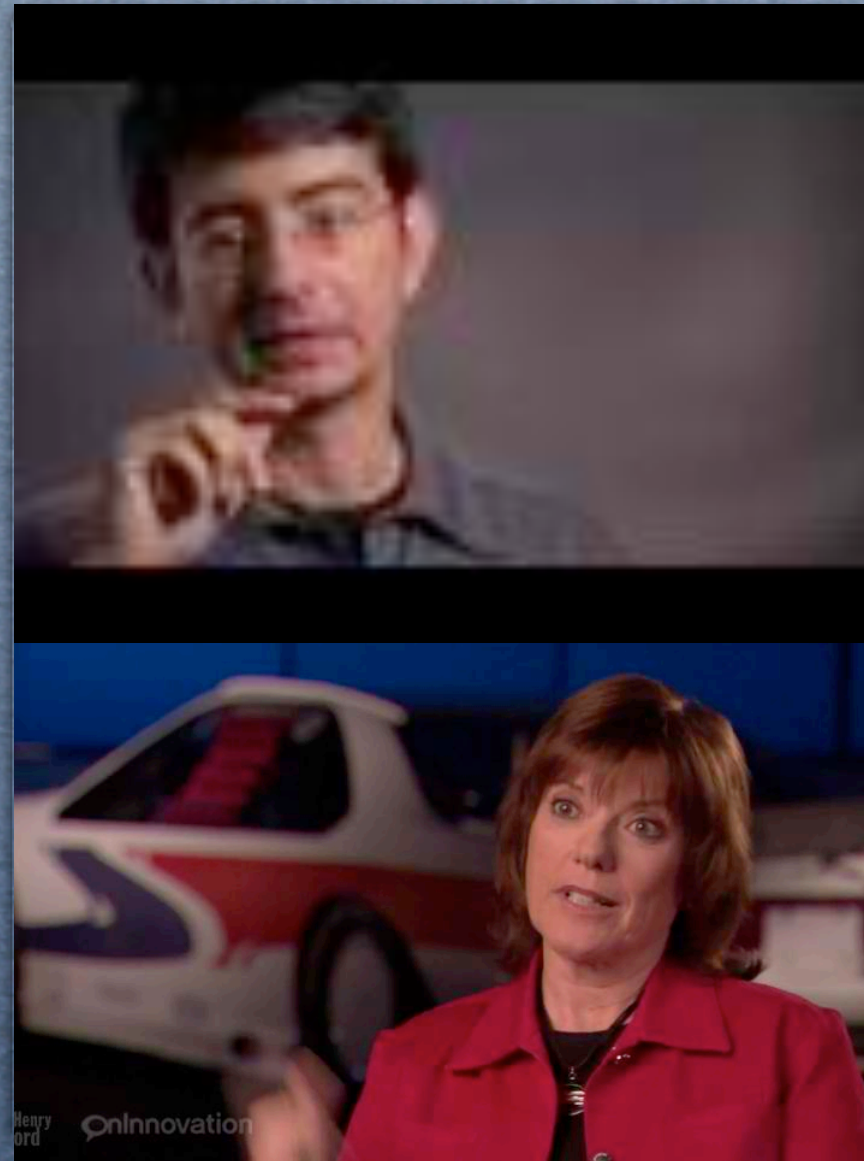
MITCHELL BAKER

STEVE WOZNIAK

DON CHADWICK

PIERRE OMIDYAR

LYN ST. JAMES





# IDEAS/THEMES

INNOVATION

INVENTION

CREATIVITY

TECHNOLOGY

REMIX/RECYCLE/RENEW





# ONLINE-RESOURCES

[www.thehenryford.com](http://www.thehenryford.com)

[www.wikipedia.com](http://www.wikipedia.com)

[www.google.com](http://www.google.com)

[www.oercommons.com](http://www.oercommons.com)

[www.support.apple.com/  
kb/VI146](http://www.support.apple.com/kb/VI146)





# CHALLENGES

WHAT ARE SOME  
CHALLENGES THAT  
INNOVATORS  
EXPERIENCE?

WHAT DID THEY DO TO  
OVERCOME THESE  
CHALLENGES?





## MS. PIERRE'S SUGGESTIONS

1. The music introducing the videos are distracting and makes it difficult to hear.
2. Younger students would benefit with some captions with interactive vocabulary support.





## MS. PIERRE'S SUGGESTIONS

3. Having a page with inventions and their inventors would be useful for younger students.
4. A short bio of the innovators life with images of their childhood.
5. Interactive opportunities like images that support the innovators interview.





# STUDENT ESSAYS: INNOVATOR OR INSPIRATION





# TAMIA TAYLOR





# DAYVON THOMPSON





# DAWAN THOMAS





# DEMAIYA PRUITT





# SHALAYA RHODES





# DARRIUS NUNNERY





# QUOTATIONS

**“Innovation distinguishes between a leader  
and a follower.”  
-Steve Jobs**

**“You have all the reason in the world to  
achieve your grandest dreams. Imagination  
plus innovation equals realization.”  
-Denis Waitley**

**“Learn from the mistakes of others. You can't  
live long enough to make them all yourself.”  
-Eleanor Roosevelt**

