

# KENAI PENINSULA BOROUGH SCHOOL DISTRICT

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[www.kpbsd.k12.ak.us](http://www.kpbsd.k12.ak.us)

## SCHOOL BOARD COMMUNICATION

<b>Title:</b>	iPod-touches in KPBSD Schools		
<b>Date:</b>	September 1, 2013	<b>Item Number:</b>	Worksession
<b>Administrator:</b>	Steve Atwater, Ph.D. Superintendent of Schools 		
<b>Attachments:</b>			

Action Needed     For Discussion     Information     Other: \_\_\_\_\_

## BACKGROUND INFORMATION

Representative Paul Seaton secured \$52,500 in the state's FY13 Capital Budget for the purchase of iPod-touches for KPBSD students. An iPod-touch is a handheld computer. The district worked with Representative Seaton to place the iPod-touches at select classrooms at 4 schools (Chapman, McNeil Canyon, Paul Banks and West Homer) and offered trainings for their use to appropriate teachers at these schools.

The addition of these devices has been positive with good anecdotal information to support their placement in our classrooms. We have not however, conducted research to show the full academic impact of the devices.

The addition of the devices was done outside of our processes used for acquiring technology. The district supports this project and very much appreciates Representative Seaton including KPBSD in the way.

This worksession is held to provide you with an awareness of this project. Representative Seaton will be present to share his support of the project and to explore next steps.

Attached to this document is the final project report for FY13.

## ADMINISTRATIVE RECOMMENDATION

N/A



# SOUTHERN KENAI PENINSULA IPOD TOUCH PROJECT

2012-2013

FINAL REPORT: MAY 2013

# PROJECT OVERVIEW

# TIMELINE

Date	Activity
Spring 2012	Representative Seaton's office contacted schools in the Southern Peninsula regarding utilizing iPods in the classroom. Legislative funds secured for the project.
May 2012	Teachers involved in the project attended an initial training on the devices and had access to an iPod Touch to use over the summer.
Summer 2012	KPBSD IT Department ordered and configured the equipment for the project.
September 2012	Teachers in the project attended a 2-day training with an Apple Consultant. Devices deployed in the classroom and utilized to support curriculum implementation.
Sept. - Present	Ongoing support for teachers provided by Technology Coaches and IT Department.

# EQUIPMENT ORDERED

APPLE Device	Quantity	Cost
iPod Touch, 8GB	172	\$34,228
Octopus Cables	86	\$ 1,453
iPod Cart – 40 Unit	7	\$15,456
iPod Cart – 20 Unit	1	\$ 1,200
Cases, Screen Protectors	172	\$ 1,804
Miscellaneous: Earbuds, Cables	80	\$ 894
VPP Vouchers	7	\$ 1,500
	<b>TOTAL</b>	<b>\$56,535</b>

# SCHOOLS PARTICIPATING

- Chapman School
  - First – Eighth Grade
  - One-to-One program
- McNeil Canyon
  - Fifth Grade
  - One-to-One program
- Paul Banks
  - One First Grade and One Second Grade
  - Devices shared between the two classes
- West Homer
  - One 4/5 Combination and One Fifth Grade
  - Devices shared between the two classes

# PROFESSIONAL DEVELOPMENT

- Initial training on devices by District Technology Coaches
  - May 23 & 24: *iPod Touch Navigation and iTunes Configuration*
- Professional Development delivered by an Apple Educational Consultant
  - September 10: *Introduction to iOS Devices*
  - September 11: *Classroom Implementation*
- KPBSD Technology Coaches provide ongoing support

<b>Apple Professional Development (2 days)</b>	\$ 4,500
<b>Additional Costs (subs, lodging, food) (2 days)</b>	\$ 5,266
<b>TOTAL</b>	<b>\$ 9,766</b>

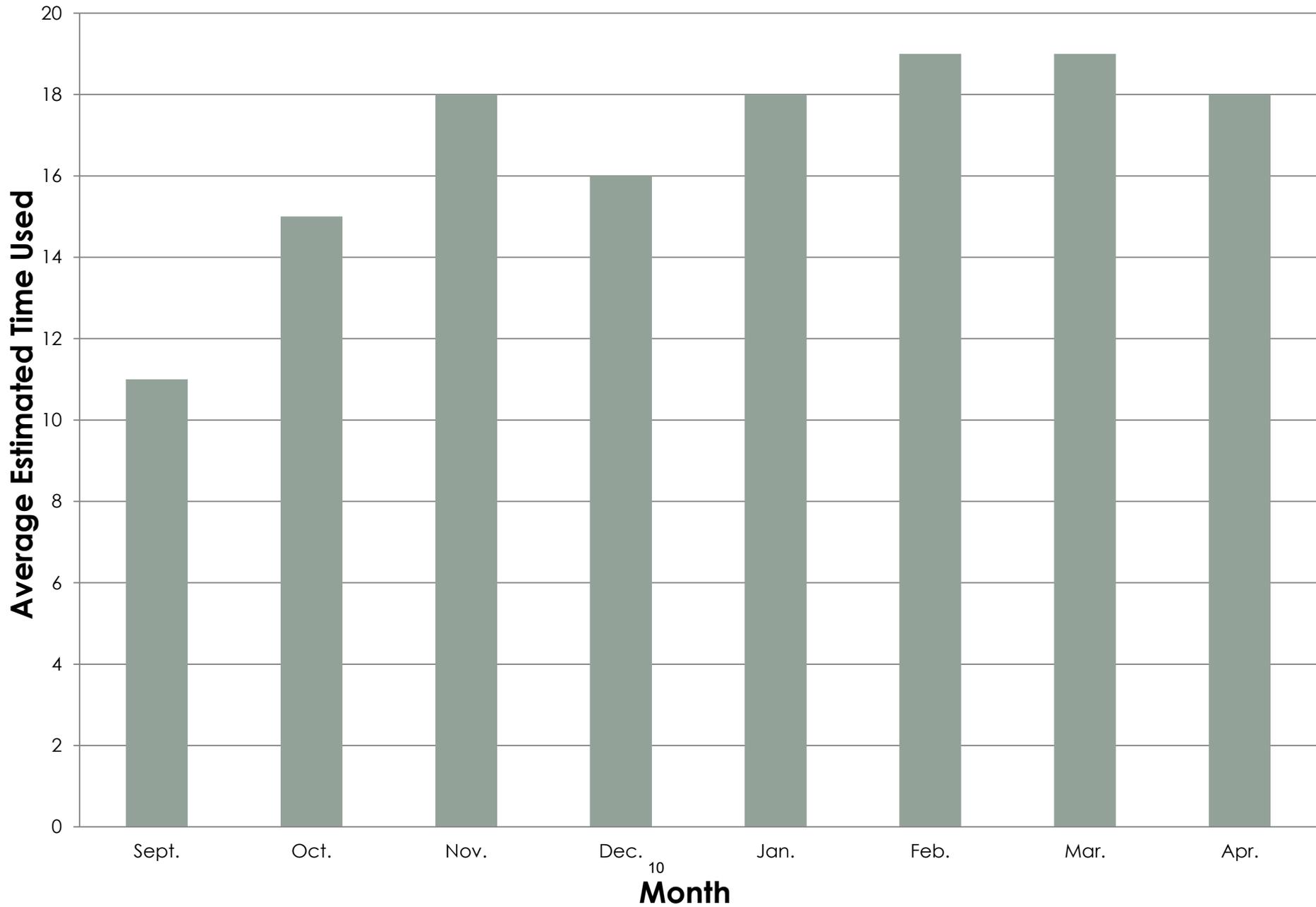
# PROJECT EVALUATION

- Mid-Year and Final Teacher Reports on Classroom Implementation Included:
  - Estimated amount of time devices used in classroom
  - Curriculum Integration
  - Apps and tools utilized
  - Formal and Informal assessment information
  - Projects completed utilizing the devices
  - iPod Touch home use
- Benchmark Assessment Data
- Comparison of Spring 2012 & 2013 SBA Results
- Teacher and Student Post Surveys

# TEACHER REPORTS

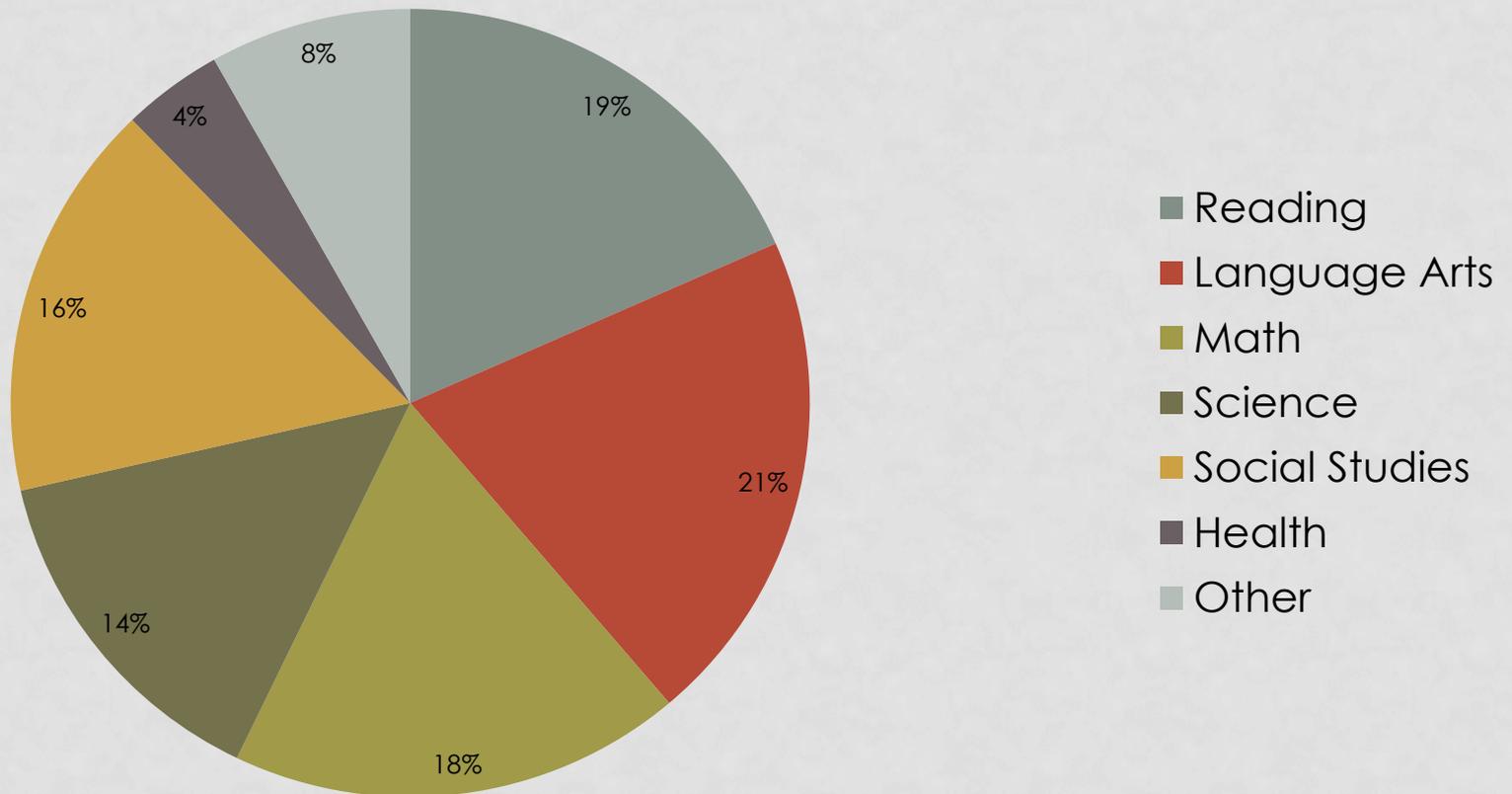
SEPTEMBER 2012 - APRIL 2013

# iPods in the Classroom



# CURRICULUM INTEGRATION

## Subject Areas Addressed



# CURRICULUM INTEGRATION

- Skills Practice
- Vocabulary Development
- Reading Fluency
- Learning Center & Free Time Activities
- Differentiation of Instruction
- Research
- E-Reader
- Study Skills
- Writing
- Project Development
- Video Tutorials
- Content Enrichment

# EXAMPLE OF APPS & TOOLS UTILIZED

- Story Kit
- Math Blaster
- Voice Memos
- QR Scanner
- Spelling City
- Notes
- Camera/Video
- iBooks
- Fast Facts
- Phonemic Awareness
- Opposites
- Word Family
- Dragon Dictation
- Google
- Phonics Vowels
- Hungry Fish

- Safari Web Browser
- Chicken Fractions
- Dictionary
- Popplet Lite
- Pic Collage
- Socrative
- i-nigma
- FracCal
- Flashcardlet
- BrainPop
- Sight Touch
- Fun Rhyming
- Rocket Math
- Grammar Jammers
- Math Bingo
- Coins

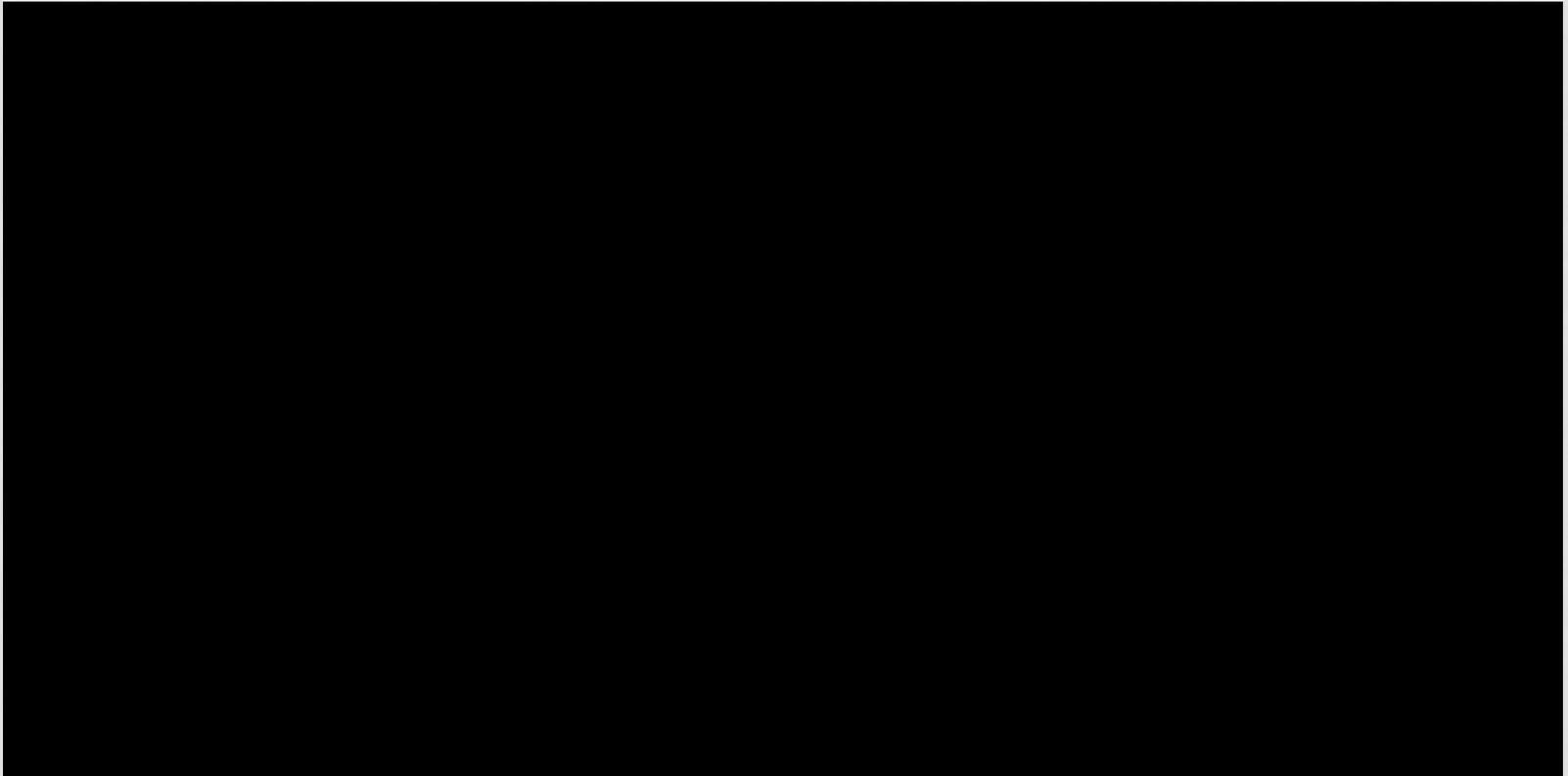
# CLASSROOM ASSESSMENT FORMAL & INFORMAL

- 6 Trait Writing Rubric
- Assignment Rubrics
- Voice Recordings Saved & Assessed for Growth
- Assignment Completion
- Daily Grades
- Tests – Formative and Summative
- Formative Assessment with Socrative App
- Student Observation

[Sample Teacher-Created Rubric for Fluency](#)  
[Sample Teacher-Created Podcast Rubric](#)

# PROJECT EXAMPLE

Paul Banks' first grade students use their iPods to take pictures on their field trip and then create a video using Photo Story.





# IPOD TOUCH HOME USE

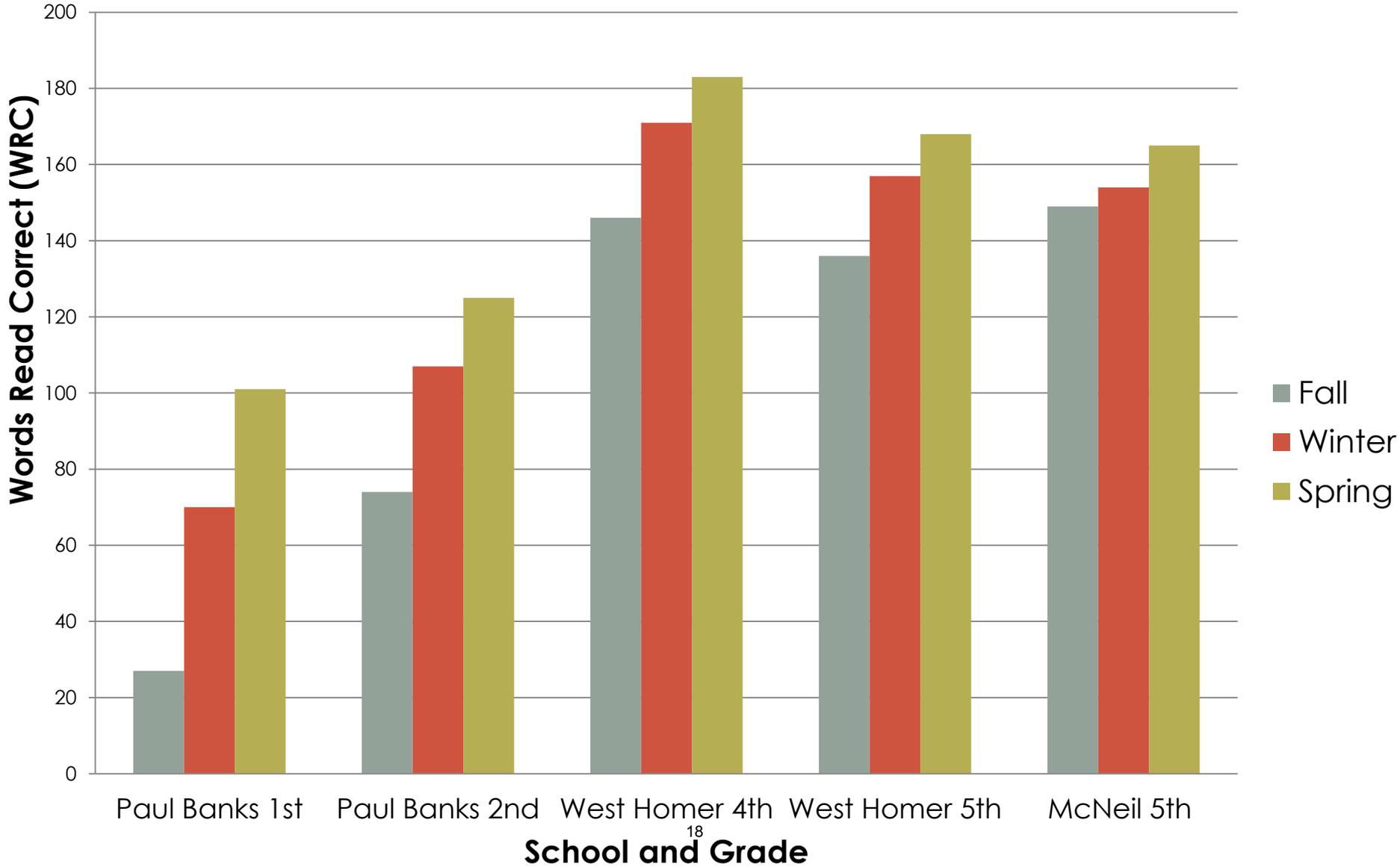


- 50% of teachers participating sent the iPods home during the 4<sup>th</sup> Quarter
  - Eligibility requirements were established
  - Student and parent signed KPBSD iPod Home Use Contract
  - Even when eligible, some parents and students opted not to take the device home
  - Devices at home were used for skills practice, curriculum video content, research
- 50% of teachers participating did not send the iPods home
  - Concentrating on classroom implementation and proper use of device
  - Age-related concerns
  - Eligibility requirements not met
  - Sharing a set of iPods with another class & needed to ensure availability for classroom instruction each day

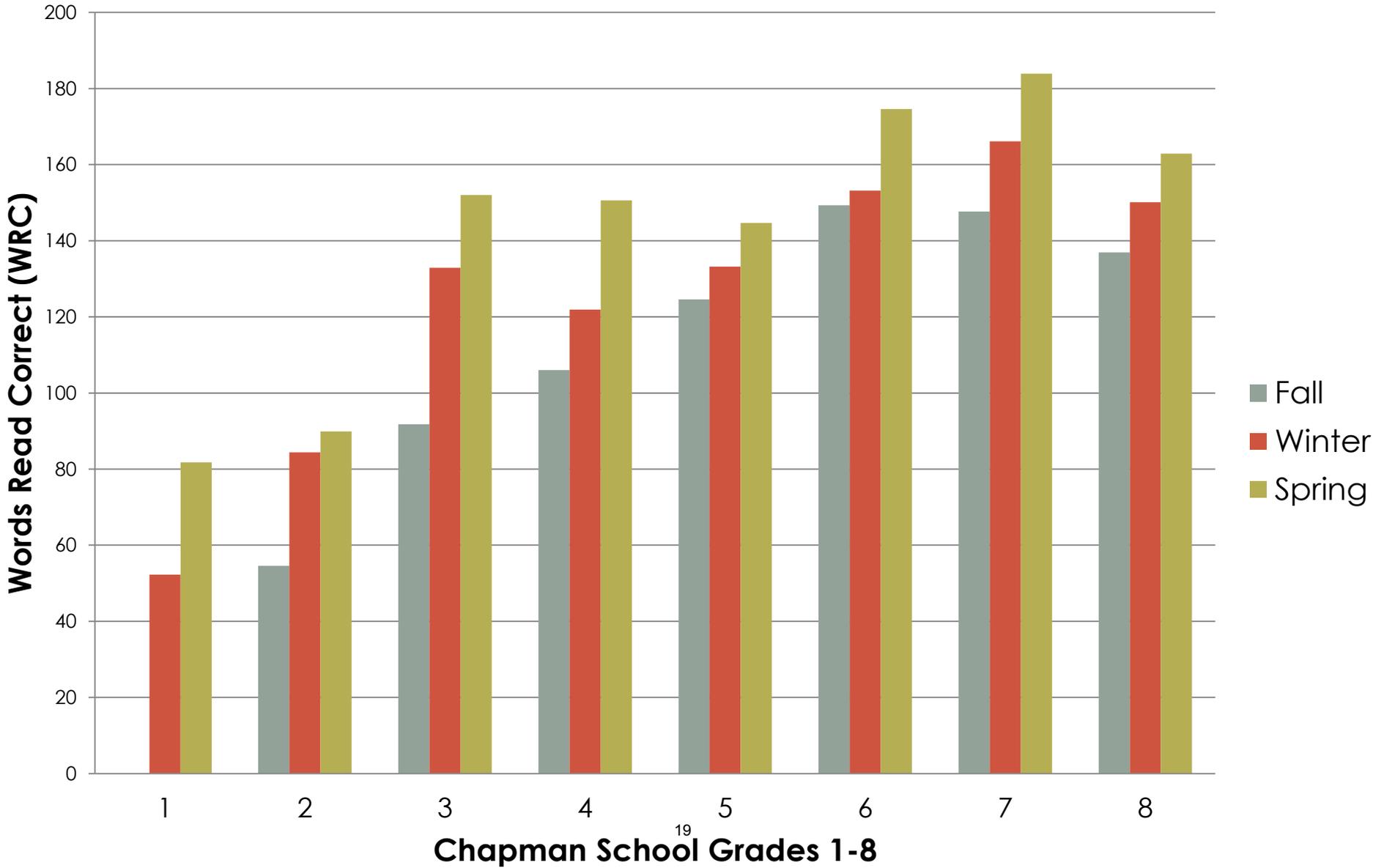
# ACHIEVEMENT DATA

AIMS BENCHMARK ASSESSMENTS - READING

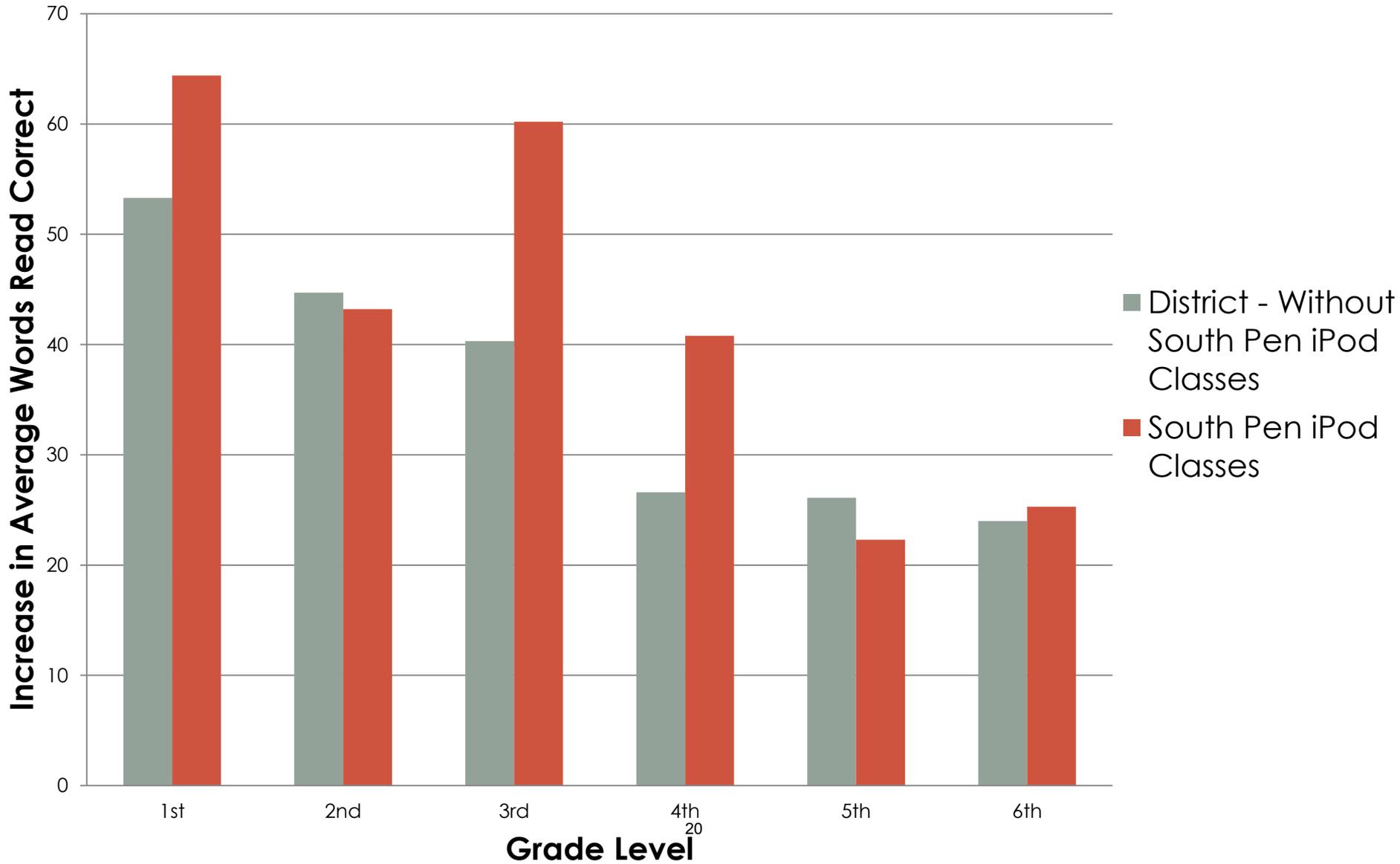
# Kenai Peninsula Borough School District 2012-2013 School Year Reading - Curriculum Based Measurement



# Kenai Peninsula Borough School District 2012-2013 School Year Reading - Curriculum Based Measurement



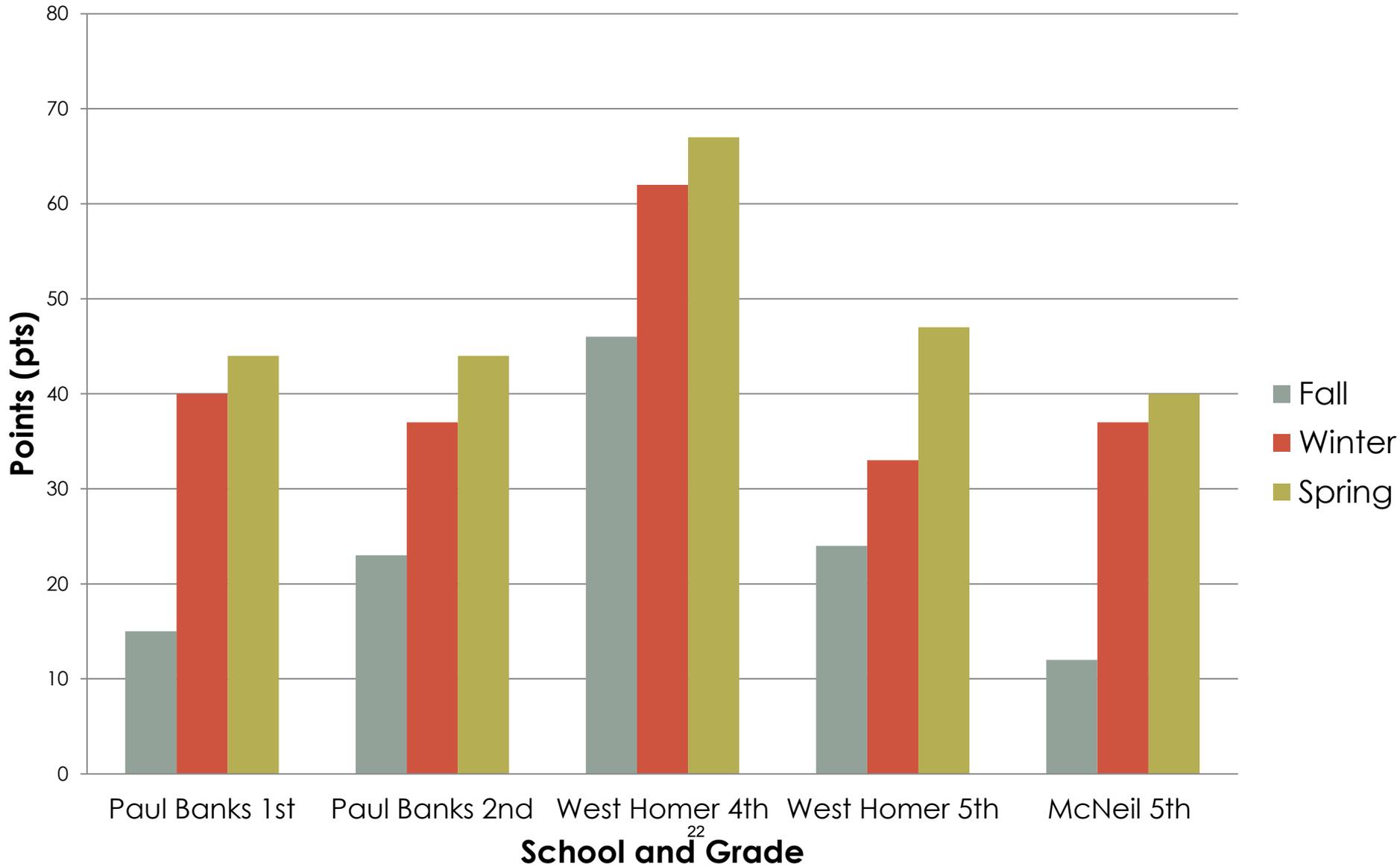
# Kenai Peninsula Borough School District Reading - Curriculum Based Measurement Fall to Spring Comparison



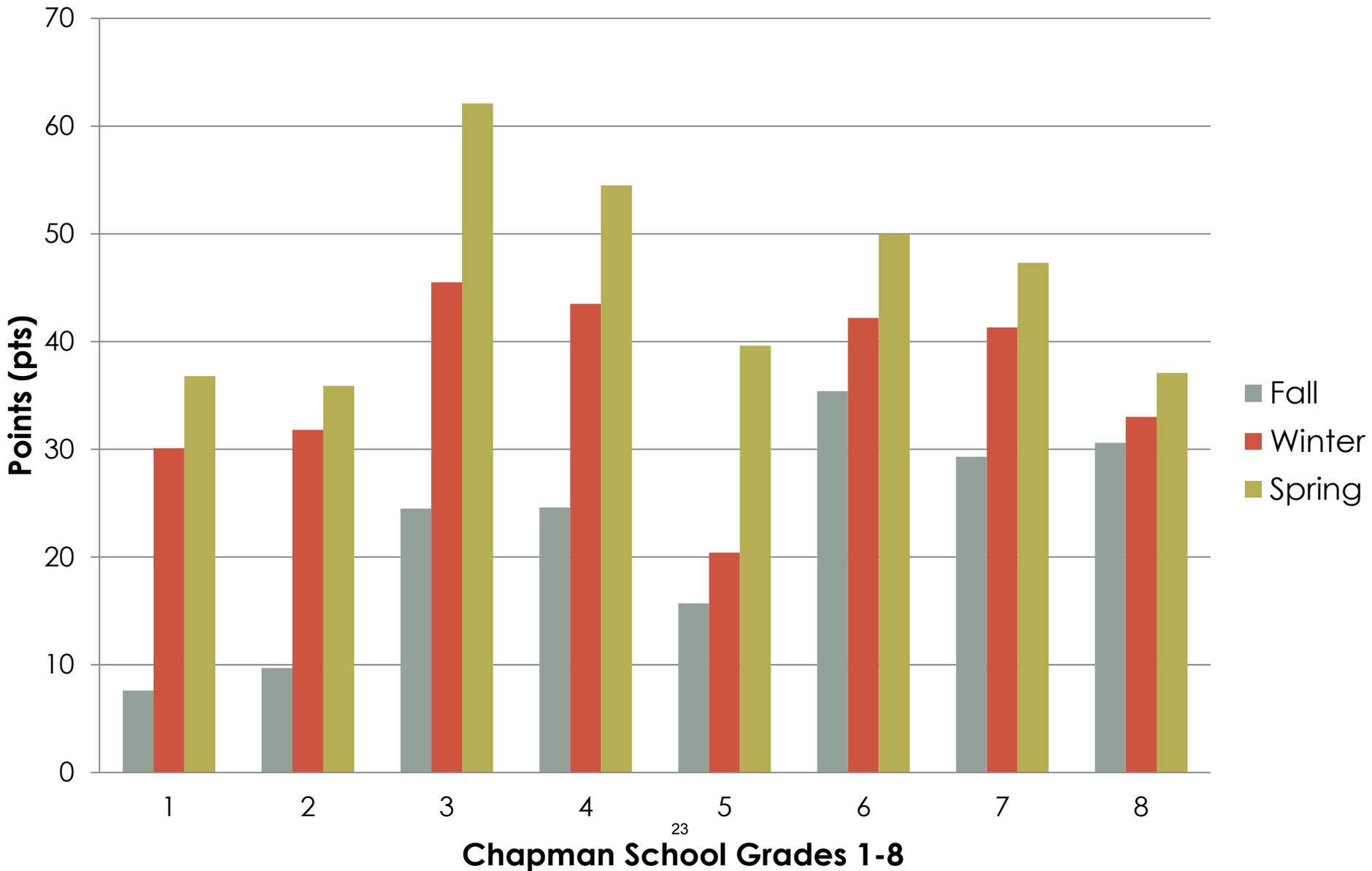
# ACHIEVEMENT DATA

AIMS BENCHMARK ASSESSMENTS - MATH

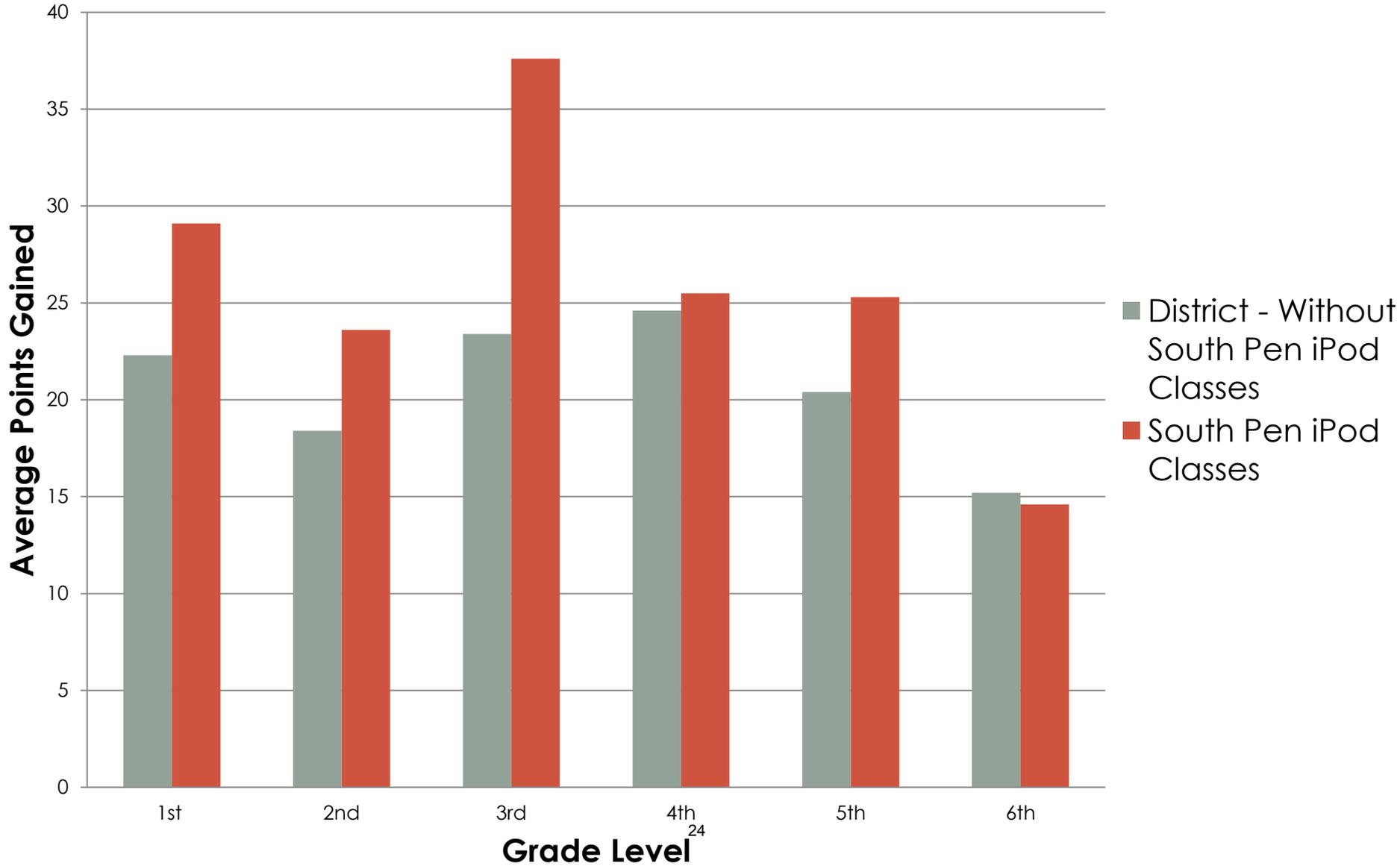
# Kenai Peninsula Borough School District 2012-2013 School Year Math Computation



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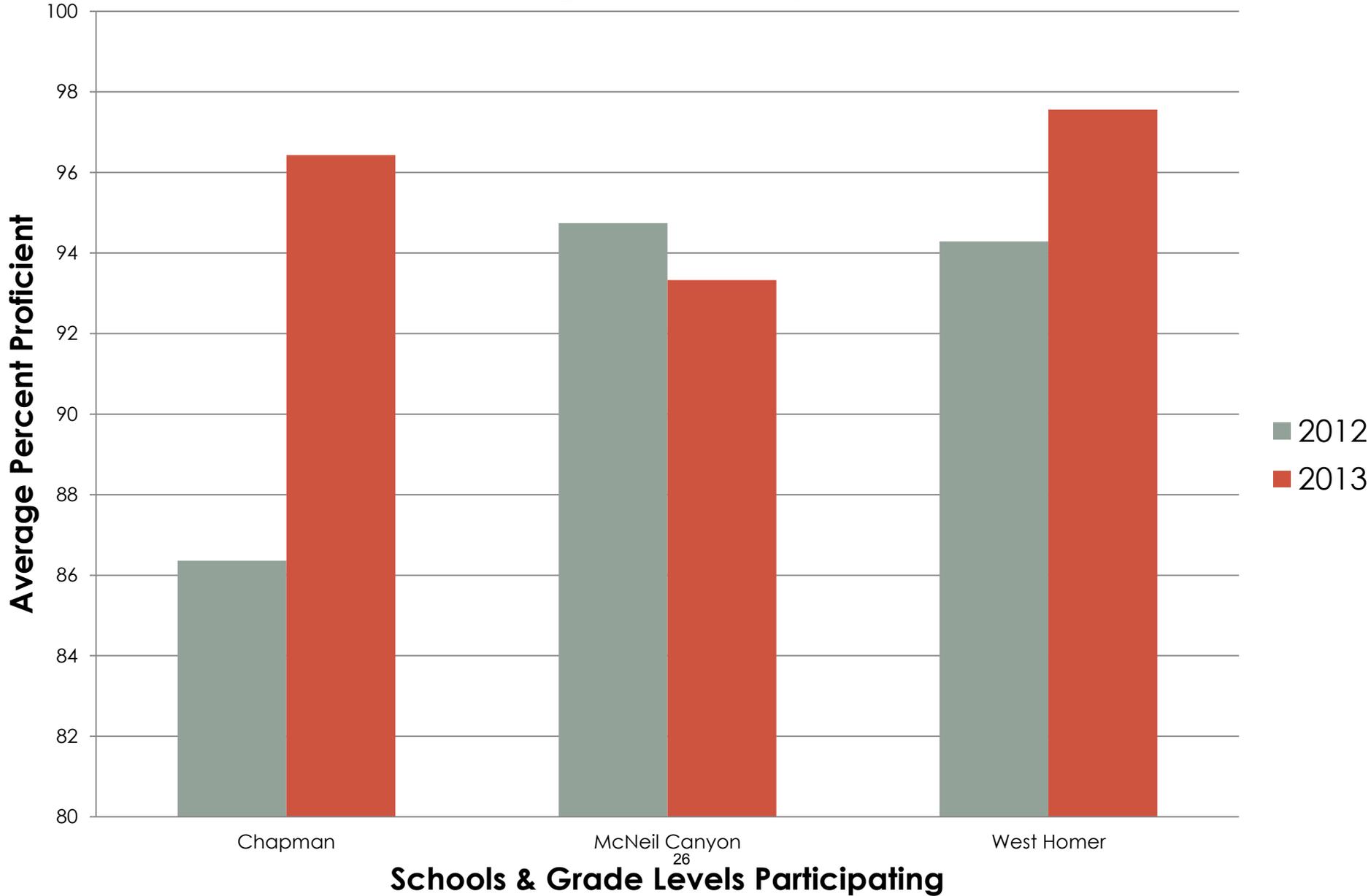
# Kenai Peninsula Borough School District Math - Computation Fall to Spring Comparison



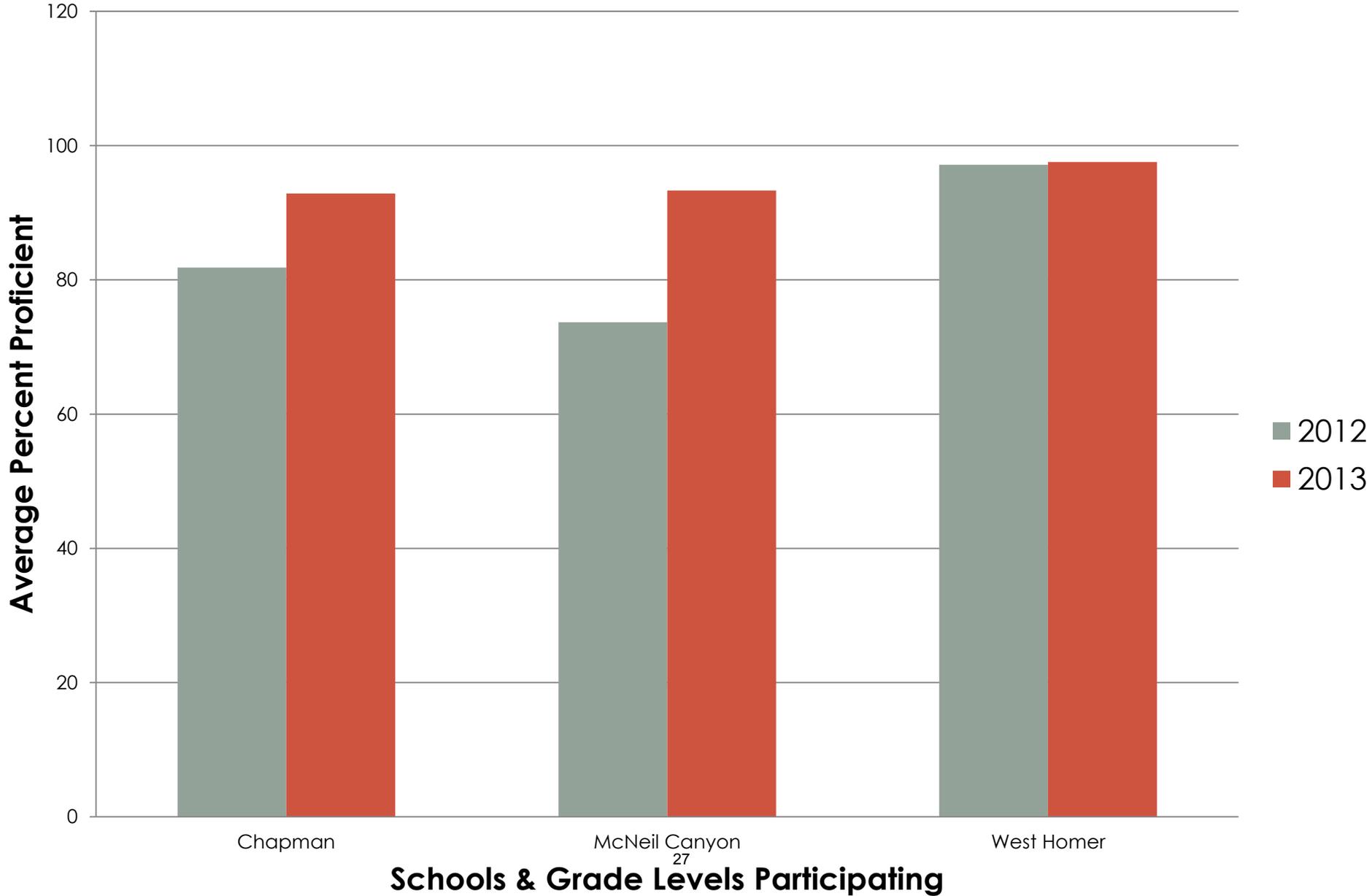
# ACHIEVEMENT DATA

COMPARISON OF 2012 & 2013 SBA DATA

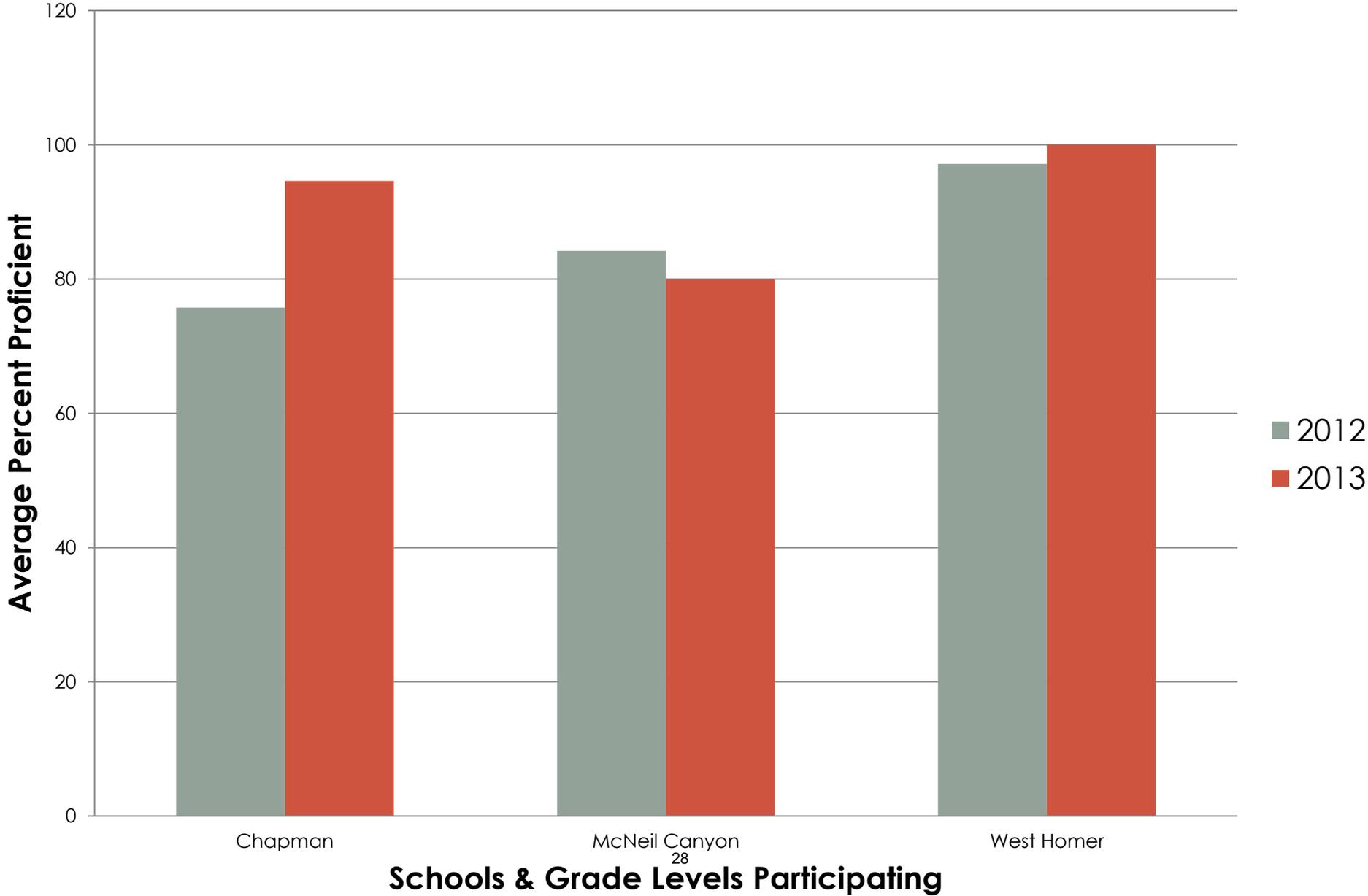
# Kenai Peninsula Borough School District Reading - SBA Comparison



# Kenai Peninsula Borough School District Writing - SBA Comparison



# Kenai Peninsula Borough School District Math - SBA Comparison

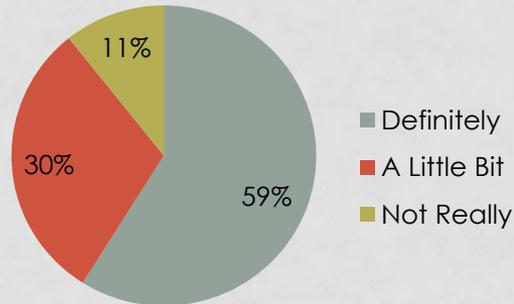


# SURVEYS

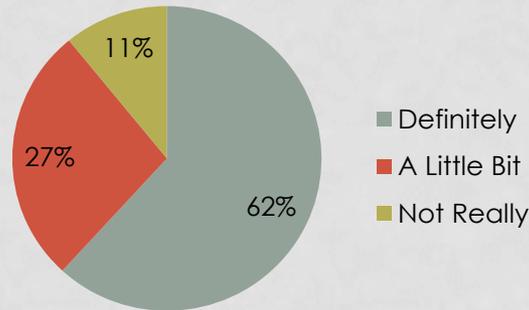
STUDENT SURVEYS

# GRADES 1-2: IPOD SURVEY RESULTS

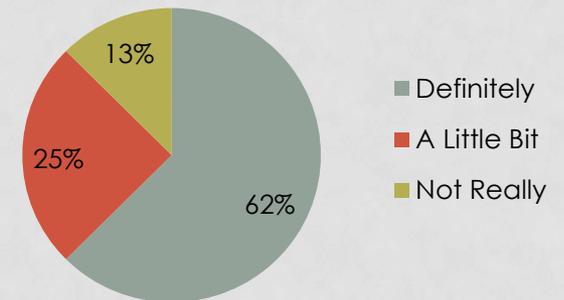
**Using the iPods is making me a better reader.**



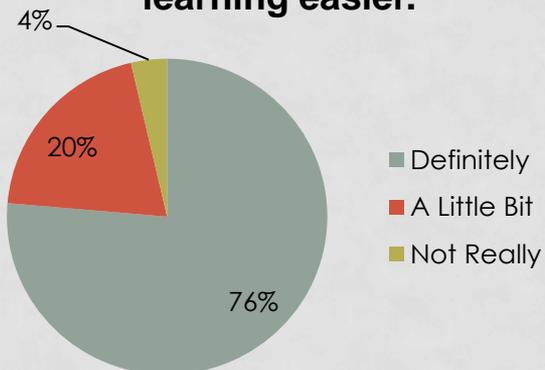
**Using the iPods is making me a better math student.**



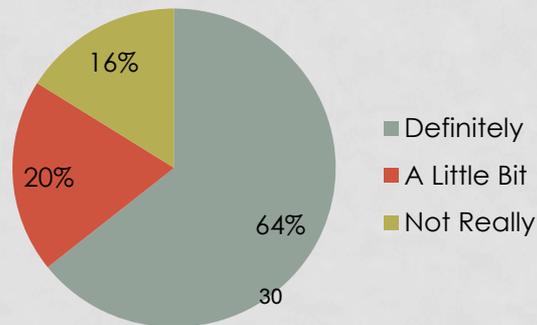
**Being able to record my own voice while reading and then listening to myself read makes me want to be a better reader.**



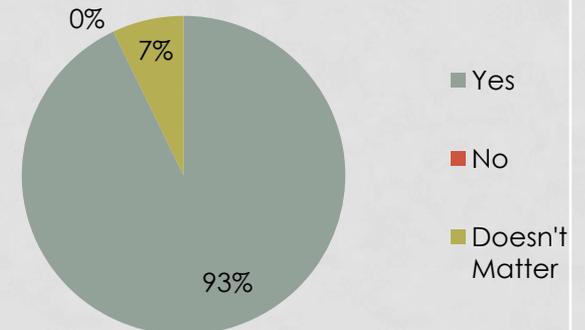
**Using the iPods in my classroom makes learning easier.**



**Using the iPods in my classroom makes me more excited to come to school.**

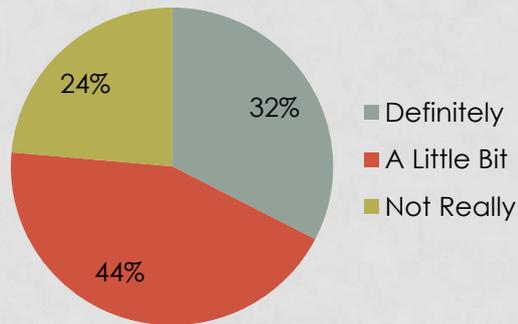


**Overall, I am glad that my classroom is using the iPods.**

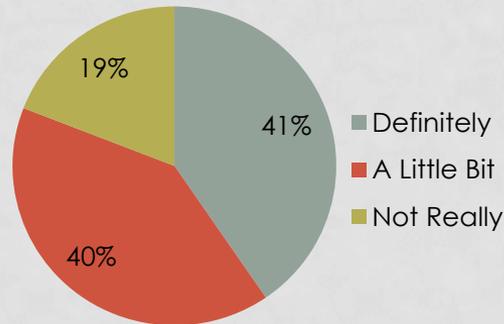


# GRADES 3-8: IPOD SURVEY RESULTS

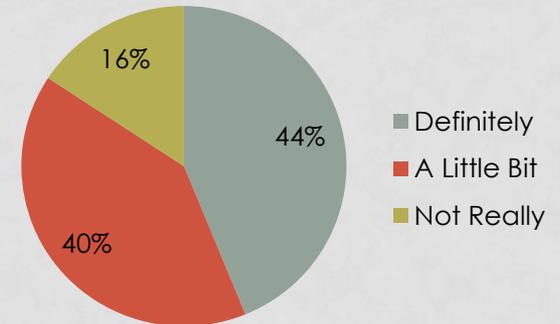
**Using the iPods in reading class is making me a better reader.**



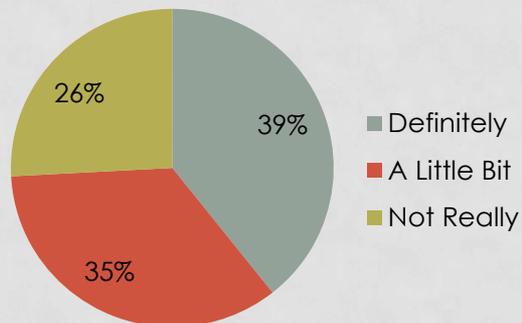
**Using the iPods in math class is making me a better math student.**



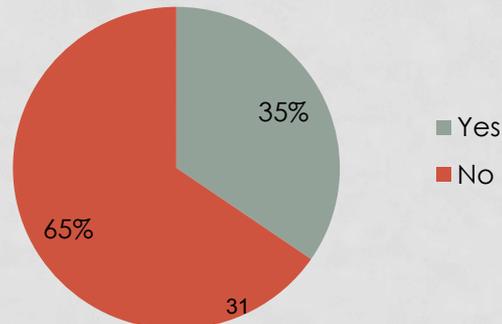
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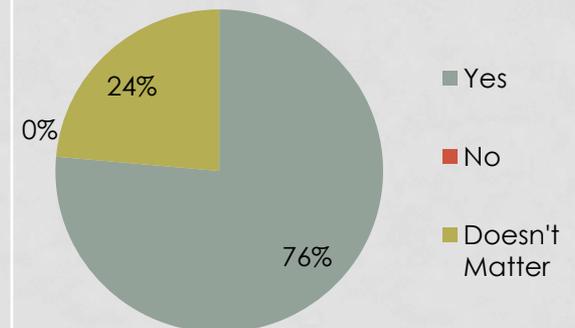
**Using the iPods in my classroom makes me more excited to come to school.**



**I took my iPod home this year.**



**Overall, I am glad that my classroom is using the iPods.**

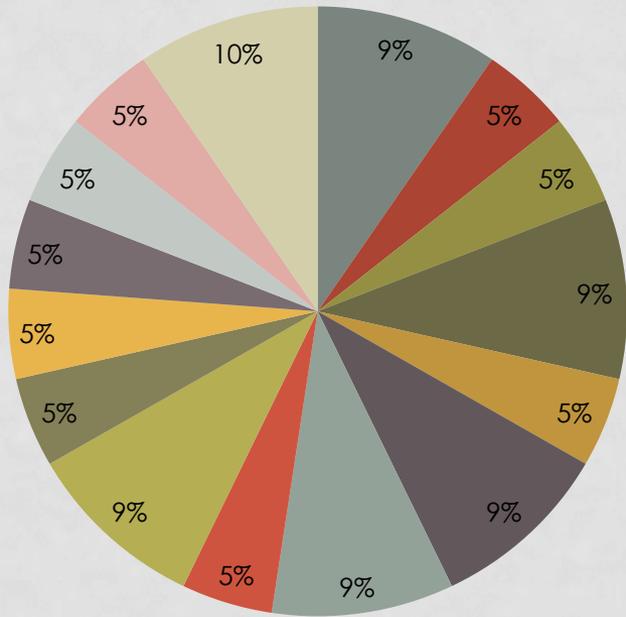


# SURVEYS

TEACHER SURVEYS

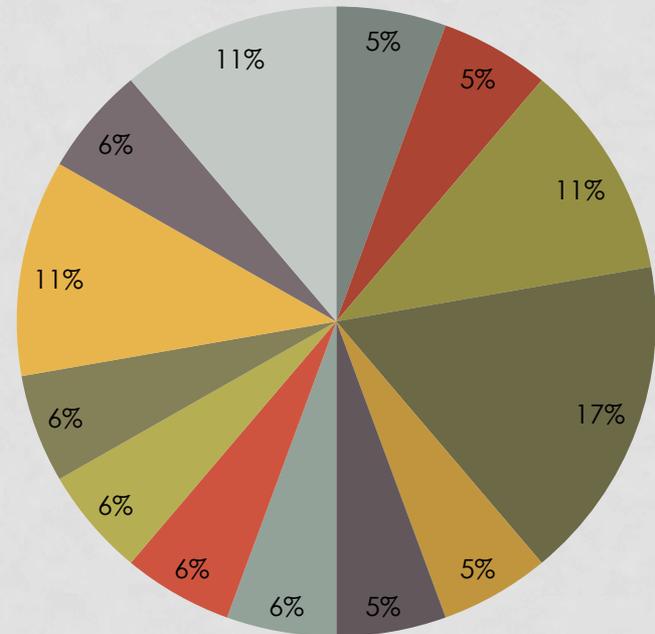
## Teacher Favorite Educational Apps

- StoryKit
- Spelling City
- Fraction Calc
- Word Wizard
- Popplet Lite
- iTalk
- Rocket Math
- Vocabulary Central
- Money/Coins
- Fast Facts
- Voice Recorder
- Phonics
- Pic Collage
- Numberline
- Socrative



## Teacher Favorite Educational Web Sites

- NASA
- TateKids
- Discovery Education
- Brain Pop
- Gutenberg
- Road to Grammar
- Safari
- Google
- Dictionary.com



# TEACHER SURVEY REFLECTIONS

- Since using the devices this year, what have you noticed about the students?
  - It is a great motivator for students and a great resource for them to use the apps as enrichment when waiting for others to finish.
  - I have noticed an increase in student's spelling test scores. I have also observed students thinking more critically about their fluency after recording and listening to themselves on a weekly basis using the Voice Memo feature.
  - Using the devices in conjunction with a whole group lesson certainly helps to engage ALL students. I have also noticed that the use of iPods increases the time on task. iPods allow the children more independence, as they can access information easily.
  - Students maintain engagement with the use of these learning tools.
  - Time on task increased, engagement as a whole increased, school is cool.
  - Oral reading fluency was greatly improved, and by this I mean oral expression and to a smaller degree rate.
  - Heightened engagement, better project completion, tracking grades on PowerSchool, better accessibility to tools.
  - The students enjoy using them for spelling, phonics, math, and research.

# RESOURCES

KPBSD WEB SITES

# MOBILE DEVICE RESOURCES

- [KPBSD Educational Technology Resources Web Site](#)
- [Kenai Apple Pilot Project \(KAPP\) Web Site](#)
- [KPBSD App Directory](#)
- [KPBSD Knowledgebase Wiki](#)

