

# Math Walkthrough Update WINTER 2015

## GRADE

### Is there Evidence of Math Manipulatives In the Classroom?

YES

NO

Are Hands On  
manipulatives being  
used?

Is technology being used  
by students?

Are Students using  
manipulatives to support  
work?

### Is there Evidence of mathematical Classroom Visuals / Aides?

YES

NO

Goal of math lesson is  
visible.

Math Word Wall / Math  
Vocabulary.

Standards for  
Mathematical Practice  
Posted in room.

### Group / Independent Work Structure

YES

NO

Large Group Instruction  
at seats

Large Group Instruction  
/ Centers

Small Groups: Pairs /  
Squares?

Independent work

**What Evidence of Mathematical Practices does the observer notice?**

Yes

No

MP 1: Students can solve  
problems without giving  
up.

MP 3: Students can  
explain their thinking  
and try to understand  
others.

MP 4: Students can show  
their work in many ways.

**Evidence of Student Engagement**

YES

NO

Students are discussing  
math lesson.

Students are using  
mathematical vocabulary  
in discussion.

Students are using  
appropriate  
mathematical tools to  
solve problems  
presented.

**Math Walkthrough was completed during:**

YES

NO

Beginning of Lesson

Middle of Lesson

End of Lesson

**Class**

J	S	F	W	JASM	WD 5	WD 5	WD 5	WD 6	WD 6	WD 6
					Green	Yellow	Orange	6 Red	White	6 Blue


A

B

C

D

**Day / Time of Math Walkthrough**

Month      Day      2015      

Hr      :      Min      AM



100%: You made it.

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# Science Dept Walk Through

Period #

*Small (10 - 18)      Medium (19-25)      Large (26-30)      X-Large (30+)*

*Class Size*

*General      Regents      Honors/AP      ESL      Inclusion      Elective*  
*Science 7/8*

*Type of Class*

Common Core Standards Evident

Common Core Reading Standard Evident

- Read closely to determine what text says*
- Determine central ideas of themes or text and analyze development*
- Analyze how and why individuals, events or ideas develop and interact over the course of a text*
- Analyze the structure of texts*
- Assess how point of view or purpose shapes the content and style of a text*
- Integrate and evaluate content presented in diverse formats and media*
- Delineate and evaluate the argument and specific claims in a text*
- Analyze how two or more texts address similar themes or topics in order to build knowledge*
- Read and comprehend complex literary and informational text independently and proficiently*
- Interpret words and phrases as they are used in a text*
- None*

Common Core Writing Standards

- Write arguments to support claims in an analysis of substantive topics*
- Write informative/explanatory texts to examine and convey complex ideas*
- Write narratives to develop real or imagined experiences or events using effective techniques*
- Produce clear and coherent writing in which the development, organization and styles are appropriate to task*
- Develop and strengthen writing as needed by planning, revising, editing, rewriting or trying a new approach*
- use technology including the internet, to produce and publish writing and to interact and collaborate with others*
- Conduct short as well as more sustained*
- Gather relevant information from multiple print and digital sources*
- Draw evidence from literary or informational text to support analysis*
- Write routinely over extended time frames*
- None*

Observed Forms of Student Engagement

*Sustained Writing*

- Sustained Reading*
- Taking Notes*
- Hands-On Inquiry Based Lab Activity*
- Taking Assessment*
- Listening*
- Research*
- Discussion*
- Book Work/ Packet Work*
- Think, Pair, Share*
- Other*

*Large Group    Small Group    Pairs    Independently    Lab Groups*

*Students working in...*

Students engaged and on task?

*1*
*2*
*3*
*4*
*5*  


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*Low*
*High*

Technology being used?

Type of being used

*Instruction                    Collaboration                    Communication                    Assessment*

*Technology Used for...*

Teacher Engagement

- Whole Group Direct Instruction*
- Small Group Guided Instruction*
- Assisting Individual Student in Independent Study*
- Conferencing*
- Lecture*
- Modeling*
- Demonstrating*
- Close Read Aloud*
- Assessing*
- Monitoring*
- Other:*

21st Century Skills

- Students are...*
- decision making (thinking critically)*
  - communicating*
  - working collaboratively*
  - creatively thinking*

*None*

Formative Assessments Evident

*Exit Pass*

*Think, Pair & Share*

*Learning Logs*

*Response Journals*

*Observations*

*Questioning (checking for understanding)*

*Feedback to students*

*Other:*

Academic Vocabulary

*Teacher's Instructional Approach*

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