



Virtual Manipulatives and Electronic Resources

<http://nlvm.usu.edu/>

National Library of Virtual Manipulatives

<http://www.themathdude.org/>

Math Dude Videos

<http://www.visualfractions.com/>

Visible Fractions

<http://katm.org/wp/common-core/>

Kansas Association of Teachers of Mathematic-
Flip book for each grade level breaking sown the
CCSSM

Rich Word Problems and Performance Tasks

<http://map.mathshell.org/materials/index.php>

Mathematics Assessment Project (Look at tasks)

<http://balancedassessment.concord.org/>

Balanced Assessment in Mathematics

<http://insidemathematics.org/index.php/expressions-and-equations-ee>

Leveled word problems

<http://nrich.maths.org/frontpage>

Weekly and monthly word problems, all levels

http://www.ohiorc.org/for/math/problem_corner/default.aspx

rich problems: search by topic and grade level

<http://insidemathematics.org/index.php/number-and-quantity-nq-high-school>

The NOYCE Foundation

<http://www.bie.org/>

Project-based Learning

Successful transition Programs include the following:

Sensitivity to anxieties

- Organization skills developed
- Independence with responsibility

Importance of parents and teachers as partners.

- Ongoing personal contact is always best
- Recognize that communication forms in elementary and middle school are different

Recognition that this is an ongoing process.

- Different rates of maturity

Ideas presented:

- Elementary school is like a family - middle school is like a shopping mall.
- Educate parents on how to help their child succeed in school. Break the cycle of passing on the 'genetic permission' to be mad in math class.
- Get 5th and 6th grade teachers together to observe classrooms and determine how they can practice for middle school.
- Teachers need to know the math pathways from elementary to middle school and from middle school to high school.
- The differences in cognitive demand of CCSSM questions from 5th grade to 6th grade is huge! Use strategies to prepare your students for the greater rigor of middle school mathematics.

6th Grade Survey

What is different about middle school compared to elementary school?	
What is better?	What is worse?
How is math different from last year?	
If you could give your math teacher advice, what would you say?	If you could go back and give your 5 th grade teacher advice about math, what would you say?
What do you wish someone had told you about middle school before the first day of school?	

My favorite subject is _____
It is my favorite subject because _____
My least favorite subject is _____
because _____

Favorites
song _____
friend _____
book _____
sport _____
tv show _____
movie _____
food _____
drink _____
candy _____
place to eat _____

Draw a picture of yourself

When I grow up, I am going to be a _____
The things I need to know and do in order to be that is _____

My best traits are _____

A bad habit that I would like to try to quit doing this year is _____

I was born in _____
on _____
I have _____ brothers and _____ sisters.
I have these pets _____
_____ and their names are _____

**This is
the
memoir
of** _____

**My goals
for this
year are** _____

Works Cited

Common Core State Standards Mathematics. (2012, May 16). Retrieved Nov 10, 2012, from ADE: <http://ideas.aetn.org/commoncore/mathematics>

Lorain, P. (2012). Can't stop talking. Social needs of students in the middle. Retrieved on October 25, 2012, from <http://www.nea.org/tools/16641.htm>

National Council of Teachers of Mathematics. (2012). *Curriculum Issues in an Era of Common Core State Standards for Mathematics*. (C. R. Hrsch, G. T. Lappen, & B. J. Reys, Eds.) Reston: The National Council of Teachers of Mathematics, Inc.

New York State Office of State Assessment. (n.d.). Retrieved Nov 24, 2012, from New York State Department of Education: <http://www.p12.nysed.gov/assessment/common-core-sample-questions/>

Images

Google Images

Microsoft Office ClipArt

Personal collection of comics