

# 4Q NEWS

DECEMBER 2011

## New Topics

### MATH

Students have begun a new topic on multiplication and division.

Students will demonstrate and understanding of multiplication (2 or 3 digit by 1 digit) to solve problems by: using personal strategies for multiplication with and without concrete materials, using arrays to represent multiplication, connecting concrete representations to symbolic representations, estimating products and applying the distributive property.

Students will demonstrate an understanding of division (1 digit divisor and up to 2 digit dividend to solve problems by: using personal strategies for dividing with and without concrete materials, estimating quotients, and relating division to multiplication.

## SIMPLE MACHINES



### SCIENCE

Students will soon be starting a new topic in science, Wheels and Levers. Students will learn about basic components of simple machines: how they are assembled, how they operate, how they are used. Students explore different techniques that can be used to transfer motion from one component to another, using simple connectors and various levers,

gears, pulleys and band driven systems. As they work with these components, they learn the functions that each can perform, including sample applications and ways that they can be used in a larger system. As part of their studies, they examine how these simple machines are used to change the speed or force of movement.

## Profiles Art Gallery Trip



## Christmas Concert

A reminder that 4Q parents and family are invited to watch the Christmas concert on **Thurs. Dec. 8<sup>th</sup>**. Please ensure your child is dropped off at the theater by 6:30pm on both nights (Dec. 7<sup>th</sup> & 8<sup>th</sup>).

## Christmas Party


There will be a class party on Friday December 23<sup>rd</sup> in the afternoon. We hope to see you there!

## Gingerbread Houses

4Q will be making mini gingerbread houses at our Christmas party. If you would like to contribute to this project the following are some things we will be needing:

- 3 boxes of graham crackers
- 5 containers of white vanilla icing
- mini candy canes
- jelly beans

## PROFILES ART GALLERY



*Students had a great time creating at the Profiles Art Gallery*

- Smarties
- Hersey kisses
- sprinkles

Any candies/decorations that could be donated for this project would be greatly appreciated. Let me know if you have anything to contribute and have these items brought to the school by

December 12<sup>th</sup>. Thanks for your continued support.

We invite any parents or adult family members to the join us at 9:00am on the 23rd of December if you would like to help the students build their houses. Let us know if you can make it!

## SWIMMING LESSONS

Swimming lessons have been scheduled for Mondays at 11-12pm starting on February 6th. The last lesson will be on March 19th. More information to follow once we get closer to the date.



## BAKE SALE

Get ready for Westlock Elementary's annual bake sale. Please bring any baking donations to the school on the day of the sale, **Dec. 14<sup>th</sup>**, by 9:00am. Kids remember to bring some money if you wish to purchase something. Thank you in advance for supporting our sale!

## IMPORTANT DATES

- Dec. 6th-concert practice (1:10pm)
- Dec. 7<sup>th</sup>- Dress rehearsal (1:10pm),  
Christmas Concert 6:30pm
- Dec. 8<sup>th</sup> -Christmas Concert 6:30pm  
(4Q guest night)
- Dec. 14th- Bake Sale
- Dec. 16th- reading homework due
- Dec. 20<sup>th</sup>- 5/6 dress rehearsal at R.F.
- Dec. 23<sup>rd</sup> - class party and last day of class
- Dec. 26<sup>th</sup> to Jan. 6th - Christmas break  
(no school)
- Jan. 9th- classes resume
- Feb. 6th- 1st swimming lesson (11-12pm)
- Feb. 9<sup>th</sup> & 10<sup>th</sup> - Teacher's Convention  
(no school)
- Feb. 13th- swimming lesson (11-12pm)
- Feb. 20<sup>th</sup> - Family Day (no school)
- Feb. 27th- swimming lesson (11-12pm)
- Feb. 29<sup>th</sup>- early dismissal
- Mar. 2<sup>nd</sup>- P.D. Day (no school)
- Mar. 5th- swimming lesson (11-12pm)
- Mar. 12th- swimming lesson (11-12pm)
- Mar. 16<sup>th</sup>- no school
- Mar. 19th- swimming lesson (11-12pm)
- Mar. 21st- early dismissal
- Mar. 26<sup>th</sup>- Mar. 30<sup>th</sup>-Spring Break (no school)
- Apr. 2<sup>nd</sup>- classes resume
- Apr. 6<sup>th</sup>- Good Friday (no school)
- Apr. 9th- Easter Monday (no school)