SPRING BREAK PACKET
Grade 3 Mathematics

March 29 – April 10, 2012

NAME: ______________________________
TEACHER: ___________________________

Prince George’s County Public Schools
THIRD GRADE SPRING BREAK HOMEWORK

DIRECTIONS

Complete each activity in the Spring Break Packet. Write your responses in the spaces provided.

Students are to return the completed packet to their teachers on April 10, 2012.

Parents are encouraged to assist in the following ways:

- Make a plan to complete the activities during the Spring Break.
- Provide a quiet space and time for your child to work on the homework.
- Help your child with the directions and completing the activities.
- Review and discuss your child’s responses. Provide positive feedback and praise for sincere effort and independence.
- Encourage fact practice and assist as needed.
- Ensure that the completed packet is in plain view on the breakfast table on April 10, 2012, so it may be returned on time!

Thank you for helping your child to succeed!
April is Mathematics Awareness Month and the theme this year is **Mathematics, Statistics, and the Data Deluge**. There is evidence of data collection all around.

You have learned about many types of data displays and will learn many more throughout the years. It is important to be able to look at the displays and to interpret what is on the display. The data tells a story.

**Look at the two data displays below to answer the following three questions.**

1. Write a title for each of the displays to tell what the data may be showing. Tell how you decided your title. Add any other details needed to make these data displays correct.
2. Other than the title, what, if anything, had to be added to each graph to make it complete?

Display 1

Display 2

3. Select one of the data displays shown. Based upon your title, write 10 questions and answers that could be answered from the display.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
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____________________________________________________________________
Questions 4-6

Lisa stated that the perimeter of her rectangle is 26 units. Joseph has a rectangle that has the same area as Lisa’s rectangle, but his perimeter is 30 units.

4. What is the area of each rectangle? __________

5. Use the graph paper on the next page to draw all rectangles with the area you stated in #4.

6. Which multiplication facts helped you with # 5?

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Questions 7-10  Use the fraction circles below to answer the questions.

7. What fraction is showing on each circle above? _______ _______ _______

8. What fraction is missing from each circle above? _______ _______ _______

9. Write the five fractions in order from least to greatest.

_______ _______ _______ _______ _______

10. Which fraction above is another name for \( \frac{1}{2} \)? ____________

*First in Math Challenge: Earn at least 250 stickers during the break for county recognition!*