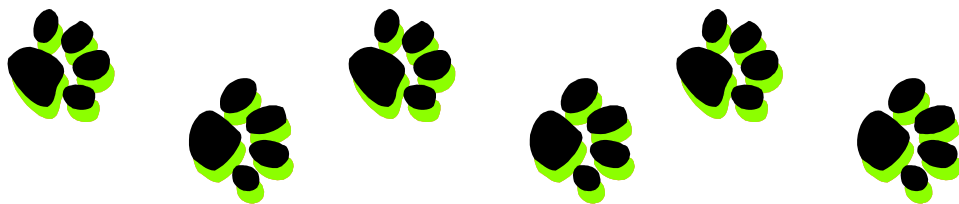


Dear incoming fourth graders,

We are so happy to welcome you to fourth grade. Our team has many wonderful things planned for you in the upcoming year. We'll be busy polishing our writing skills, making ecosystems, and reading amazing books just to name a few fun learning activities we'll begin next year. We are including in this packet a few tips and suggestions to get your fourth grade year started off right. The fourth grade teachers are looking forward to meeting you in the fall and we are looking forward to another fantastic fourth grade year.

Have a safe and happy summer and go Bobcats!

Sincerely,
The Fourth Grade Team



Academic Summer Suggestions

You may choose from the following three options for summer enrichment.

1. Complete a commercially published grade appropriate workbook. (Example: Summer Bridges Activities: 30 lessons)
2. Attend one of BHCA's summer programs.
3. Complete the following packet.

- All summer enrichment is due by:
August 13, 2010

FOURTH GRADE SUMMER PACKET

Reading

- 1) All students should read at least 15-20 pages, five days each week. Books that challenge the student, but do not cause frustration, should be chosen. Please question your child about what he or she is reading, and read with them whenever possible.
- 2) Please refer to the attached summer reading plans and encourage your child to read two suggested books over the summer. A list can be found at http://myssyra.org/grades3_5/pdfs/1011_List3-5.pdf

Math

Students need to practice multiplication and division facts weekly. We are including in this packet some practice test that you can copy, give, and rearrange for future review. Please help your child maintain and develop his or her mathematical vocabulary over the summer. We have also included a list of terms they should know.

MATH TERMS TO REMEMBER:

Create flashcards to review the following math vocabulary:

Numerator, Mean, Range, Median, Mixed Numbers, Sum, Difference, Percent, Operations, Two-dimensional, Space Figure, Symmetry, Similar, Parallel lines, Acute, Obtuse, Radius, Circumference, Pyramid, Slide, Turn, Denominator, Mode,

Average, Improper Fractions, Product, Quotient, Remainder, Place Value, Equations, Three-dimensional, Angle, Congruent, Perimeter, Quadrilateral, Diameter, Prism, Sphere, Flip, Polygon

The following sites are math glossaries available to use in defining these terms:

oxford.com/math/glossary.cfm?grade=4&year=2006&sp=student

Harcourt Brace textbook glossary

<http://www.hbschool.com/glossary/math2/index4.html>

General Information

Please help your child notice what is going on around them. If you are at a zoo, you might encourage them to do research on their favorite animal. Topics discussed in science and social studies are seen in everyday life.

Watch the news and read the newspaper with your child. Developing an interest in current events will help your child in many ways. Not only will they be aware of what is going on in the world around them, but they will also be able to apply prior knowledge during discussions that will help them in cause and effect relationships, making inferences, and many other reasoning skills used across the curriculum in fourth grade.

We look forward to working with you and your child next year!
Have a safe and happy summer.

The Fourth Grade Team

Bay Haven Charter Academy
Fourth Grade Summer Reading Enrichment Program

Book Choices: Every student should read at least two books from the attached list. We have chosen this year to use the *Sunshine State Young Reader's Award Nominees* list to give our students a wonderful selection of books to choose from. In addition, these books will be further studied this upcoming school year during class and will culminate in a Battle of the Book's competition at the end of the year. The students need the chance to choose what they would like to read, and also to read a book that they can be successful with. We believe the list will be able to fit the needs of our young readers. The book questionnaire sheets will ask directed questions that require students to show a general knowledge of the book, and provide accountability for the students. Please choose two of the Sunshine Readers to enjoy this summer. (See attached Sunshine Reader List)

- Attachments:
 - The Sunshine Reader List
 - Summer Reading Log

I am Ready for Fourth Grade!

1. A polygon is:
 - a. only three sides
 - b. closed figure with at least three sides
 - c. the number left over when dividing
 - d. bottom number of a fraction

2. A sphere is:
 - a. a two dimensional figure
 - b. a polygon with three sides
 - c. solid shape like a ball
 - d. another name for a cube

3. Find the mean, mode, median and range for the following numbers: 8, 12, 8, 8, 10, 1, 2
mean _____ c. median _____
mode _____ d. range _____

4. Draw two lines of symmetry for the rectangle

5. Label the two parts of the fraction $\frac{3}{4}$
 - a. 3 _____

b.4 _____

6. Put in order the sequence of doing a math problem

_____ multiply and divide

_____ add and subtract

_____ do parenthesis

7. Circle the mixed number: $2/5$, $31/2$, $3\ 2/5$, 38

8. the answer when you add _____

9. the answer when you subtract _____

10. the answer when you multiply _____

11. the answer when you divide _____

12. Circle the improper fraction: $2/5$, $31/2$, $3\ 2/5$, 38

13. Draw an acute angle

14. Draw an obtuse angle

15. Draw two parallel lines

16. Identify parts of a circle: circumference, diameter, radius

17. The ratio or comparison of a number to 100 is a _____

18. A three dimension figure:

- a. square
- b. circle
- c. triangle
- d. cube

19. If two figures are the exact same size and shape, they are _____

20. If the figures have the same shape but may or may not have the same size, they are _____

21. A solid figure that has a polygon for a base and has triangular faces that meet at a point is called a _____

22. Name the place value of underlined number: 34,265.

23. A polygon with four sides is a _____

24. Do the following to the letter B

- a. slide
- b. flip
- c. turn

A solid figure with 6 rectangular faces:

- a. rectangle
- b. rectangular prism
- c. sphere
- d. rectangular pyramid

ANSWER KEY

1. B

2. C

3. a. 7; b.8; c. 8; d. 11

4. top to bottom in the center of the line; across the middle in the center of the line; NOT corner to corner

5. a. numerator; b. denominator

6. first do parenthesis; then multiply and divide; finally add and subtract

7. $3 \frac{2}{5}$

8. sum

9. difference

10. product

11. quotient

12. $3\frac{1}{2}$

13. an angle less than 90 degrees

14. an angle greater than 90 degrees

15. two lines that will not cross (like a railroad track)

16. circumference: outside edge of the circle; diameter: going from one side of the circle to the other with the line going through the center of the circle; radius: line from the center to the outside edge of the circle

17. percent

18. d

19. congruent

20. similar

21. pyramid

22. tens

23. quadrilateral

24. slide: draw the second B exactly the same as the first with it just moved over; flip: draw the B backwards; turn draw the B turned 90 degrees so the straight line of the B is on horizontal

25. b

Fourth Grade Websites to Wander During the Warm Weather

Reading Sites

Scholastic.com

Needleworkspictures.com

Planetesme.com

Kidskonnnect.com - All subjects

Math sites

Fcatexplorer.com - FCAT preparation and practice

Sadlier-oxford.com

Aplusmath.com

Athomewithmath.terc.edu

Coolmath4kids.com

Aaamath.com

Mathcats.com

Learningplanet.com

Science

Harcourt.com - Science text and enrichment

Discoveryschool.com

Georgiaaquarium.com

kidshealth.org

nationalzoo.si.edu

Social Studies/ Florida Studies

Timeforkids.com - Social studies and current events

Kidskonnnect.com - All subjects

Floridaforkids.gov - Social studies and Florida History

floridahistory.org - Florida History