

Dear Parents and Students,



Many of you have asked us, "What can we do this summer to keep up, catch up, or get ahead with what we've learned?" Because of these requests we have developed a **Summer Lynx to Next Fall** packet to give you suggestions and activities. In this packet you will find:

- **Looking Ahead . . .** If you or your children are wondering what lies ahead academically next year, you might want to consider looking at the State Standards. They can be accessed at the State Department of Education website, and are available for all areas of the curriculum. The Math and Language Arts are the most "user friendly," as they have been articulated by Grade Level. It could offer you and your students a preview of the skills they will be working on in the upcoming school year. Just go to: [www.ade.state.az.us/standards/contentstandards.asp](http://www.ade.state.az.us/standards/contentstandards.asp) From there just click on the Subject/Grade Level of your choice to view the State Standards.
- **Summer Reading Challenge:** The more students read the more they grow. Our Reading Specialist, Lisa Acton, has included a reading incentive challenge with prizes coming when we return in the Fall. Hopefully, this will help your child read, read, read.
- **No Excuse Arithmetic:** If you look at these Mathematics basics guidelines, you will know what facts your child should have mastered this year for his/her grade level as well as future grade levels to allow for review or early practice.
- **Core Knowledge Topics Schedule:** This Core Knowledge schedule will allow you to both review this year's topics with your child, as well as allow you to preview next year maybe even gather some materials, artifacts etc. for next year's class.
- **What Every \_\_\_\_ Grader Should Know:** If you have the book *What Every \_\_\_\_ Grader*, you will be able to review the Social Studies and Science section, which we have already implemented. You could also use the Mathematics, Reading and Language sections with your child to help them maintain his/her skills. (We are still selling them in the office.)

We hope this packet helps you and your child this summer and we look forward to a great next year.

Respectfully,

Don Hiemstra, Ed.S.  
Principal



Dear Parents,

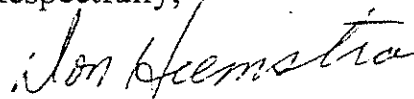
Many times parents have asked, "What are the basic facts my child should know in mathematics?" or "Why are they allowed to use calculators and not required to learn basics in mathematics?"

Preparing our students for mathematics in the 21st Century requires a multi-faceted approach. They need to master (i.e. spontaneous recall) the basics; how to apply those facts; how to use technology to grow; and much, much more.

Grayhawk's mathematics program does it all, but we need your help too. Below is a list of the "Basic Skills" we feel all students should have mastered when they exit each grade level.

Take my challenge to be a participant in your child's education. Practice these skills with your child to help them be prepared for success.

Respectfully,



Don Hiemstra, Ed.S., Principal  
Grayhawk Elementary School

### **"No Excuse" Arithmetic Facts for K-6**

**Upon exiting each grade level, students will have mastered the following:**

- Kindergarten: Students will have mastered patterns, building/matching sets, 1 to 1 correspondence, 0-10, number recognition - 0-10.
- Grade 1: Addition and subtraction facts, sums and differences 0-10.
- Grade 2: Addition and subtraction facts, sums and differences 9-18. Addition with carrying-2 digit and subtraction with borrowing-2digit.
- Grade 3: Multiplication facts 0-10.
- Grade 4: Multiplication facts 11-12, and division facts 0-12.
- Grade 5: Addition, subtraction, multiplication, and division of whole numbers with 2 or more digits and in application form.
- Grade 6: Addition, subtraction, multiplication, and division of decimals and fractions.

## BOOK ACTIVITIES

- Have your child do a Character Gallery. For each book the children read, they draw a picture of their favorite character. They could also write a sentence describing the most memorable aspect of the character's personality. The pages could be compiled into a scrapbook of the summer's reading.
- Read a biography or autobiography. Have your child compare their interests or accomplishments to the person's in the book. Draw or photocopy a picture of that person and post it on the refrigerator. Earn treats or special events by recalling facts or identifying characteristics of that person.
- Think of another title for the story that was read.
- Retell the story orally or write it down.
- Act out a book that was read.
- Discuss if the story was real or make-believe.
- Give facts or opinions about the story.

## WRITING ACTIVITIES

- Work on letter formation using pudding, shaving cream, or other soft foods. Put in a ziploc bag so it can be erased and then tried again.

## VACATION ACTIVITIES

1. License plates
  - a. Read numbers and letters.
  - b. Learn state abbreviations.
2. Maps
  - a. Read the map and locate states.
  - b. Show how to map out your trip.
3. Collect brochures and postcards and make a scrapbook.
4. Sing to songs on the radio.
5. Alphabetizing
  - a. Look out the window and find something that begins with a, then proceed through the alphabet.
  - b. Play the game, "My name is Annie, I'm going to Alabama, and I'm taking an apple." Proceed through the alphabet.
6. Analysis skills
  - a. Choose a consonant, consonant blend or digraph. Each person thinks of a word beginning with that sound.
  - b. Look at the pictures in travel brochures. Have your child write the name or the beginning letter.
  - c. Call out words and clap the syllables.
7. Vocabulary Development
  - a. Select a word and write it down. Give clues about the word until someone guesses it. The person who guesses it correctly then chooses a word and play continues.
8. Writing and Spelling
  - a. Make a list of things to look for on the trip. Check them off as they are found.
  - b. Have your child keep a journal describing sights you have seen and activities you have done.
  - c. Keep a list of all the state license plates seen during one day or throughout the trip.
  - d. Take pictures and have your child write captions under the pictures.