Dear 4th Grade Families,

The Akiva Fourth Grade Team would like to welcome you and your whole family to the Akiva Fourth Grade Family. We are so excited to get to know you and your children even better! While we look forward to our own adventures this summer, we are also working hard to prepare for the Fall and a great 4th grade year.

## The Book to Read for Our Theme of Responsibility:

Every rising fourth grader must read the wonderful book, The Boy at the Back of the Class, by Onjali Q. Raúf, because we will be talking about our responsibility to ourselves and to others in our community.

You can purchase it here:

## https://a.co/d/cxFaUwl

## **You are also welcome to check this book out from the local library. Please keep in mind students must have this book at school for the first 2-3 weeks of school.

Other Summer Reading Suggestions:

| Fiction | Non-Fiction | Great Authors to Find |
| :---: | :---: | :---: |
| Rules by Cynthia Lord <br> Ellie Engle Saves Herself by Leah Johnson <br> Amina's Voice by Hena Khan Granddaddy's Gift by Margaree King Mitchell <br> Wonder by R.J. Palacio <br> The One and Only Ivan by <br> Katherine Applegate | This Is How We Do It by Matt Lamothe A Sporting Chance By Lori Alexander Tree Lady by H. Joseph Hopkins Fractions in Disguise: A Math Adventure by Edward Einhorn | Barbara O'Connor Gordon Korman Seymour Simon Andrew Clements Katherine Applegate Matt Christopher |

## NOTICE:

We read several class novels in 4th grade and our units work better if students DO NOT read the books before, so that we are able to make inferences and predictions. So please do not read the books below:
Our Class Novels (subject to change):

- Insignificant Events in the Life of a Cactus by Dusti Bowling
- King George: What Was His Problem? By Steve Sheinkin
- Number the Stars by Lois Lowry


## Hebrew Reading:

Each child has worked hard to improve fluency as we asked every child to read for at least 5-10 minutes each day, over the past school year.. We are asking you to help your child maintain this habit over the summer even if it is just for 5 minutes each day. The iTalam portal will continue to be open through the end of July. If you need any support with iTalam, please contact Morah Vardit at vardit@akivanashville.net. If you are interested in any other Hebrew books to borrow for the summer, please let us know.

## Math:

The Akiva math program is a balance of teaching conceptual understanding and procedural accuracy. Each grade level has certain concepts as well as procedures and math facts that they are responsible for teaching. Fourth graders should enter the class already knowing all of their addition and subtraction facts as well as all multiplication facts up to $10 \times 10$, automatically. In fourth grade, they will learn multiplication facts up to $12 \times 12$. It is vital that students know all the facts in order for them to be successful with the new concepts and procedures that they will learn next school year. Students do have a summer slide if they do not practice, so please encourage your child to practice math facts for a few minutes each day. The practice will definitely pay off!

Ways to Practice All of the Multiplication Facts up to 10.

| 0x0 | 1x0 | 2x0 | $3 \times 0$ | $4 \times 0$ | $5 \times 0$ | 6x0 | $7 \times 0$ | $8 \times 0$ | 9x0 | 10x0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1x1 | 2x1 | $3 \times 1$ | 4 x 1 | $5 \times 1$ | $6 \times 1$ | $7 \times 1$ | $8 \times 1$ | 9 | 10x1 |
| 0 | $1 \times 2$ | $2 \times 2$ | $3 \times 2$ | $4 \times 2$ | $5 \times 2$ | $6 \times 2$ | $7 \times 2$ | $8 \times 2$ | $9 \times 2$ | $10 \times 2$ |
| 0x3 | 1x3 | $2 \times 3$ | $3 \times 3$ | 4x3 | $5 \times 3$ | 6x3 | $7 \times 3$ | $8 \times 3$ | $9 \times 3$ | 10x3 |
| 0 | 1 x | $2 \times 4$ | $3 \times 4$ | $4 \times 4$ | $5 \times 4$ | $6 \times$ | $7 \times 4$ | $8 \times$ | 9x | 10x4 |
| 0x5 | $1 \times$ | 2x5 | $3 \times 5$ | 4x | 5 | 6x | $7 \times$ | $8 \times 5$ | $9 \times 5$ | $10 \times 5$ |
| 0x6 | $1 \times 6$ | $2 \times 6$ | $3 \times 6$ | $4 \times 6$ | $5 \times 6$ | 6x6 | $7 \times 6$ | $8 \times 6$ | $9 \times 6$ | 10x6 |
| 0x7 | $1 \times$ | 2x7 | $3 \times 7$ | 4 x | 5x7 | $6 \times 7$ | $7 \times$ | 8 x | 9 x | $10 \times 7$ |
| 0x8 | 1x8 | 2x8 | $3 \times 8$ | 4x8 | $5 \times 8$ | 6x8 | 7x8 | $8 \times 8$ | 9x8 | 10x8 |
| 0x9 | 1x9 | $2 \times 9$ | $3 \times 9$ | 4x9 | 5x9 | 6x9 | 7x9 | $8 \times 9$ | 9x9 | 10x9 |
| 0x10 | 1x10 | 2x10 | $3 \times 10$ | x10 | $5 \times 10$ | 6x |  | $8 \times 10$ | 9x10 |  |

1. Use multiplication flashcards that you purchase or make, and run through them a few times a day.
2. Ask your child random math facts throughout the day
3. Play a multiplication card game: Get a deck of cards, deal them out. Each player flips over 2 at a time. Multiply the cards and the person with the greatest total, collects all of the cards. The winner is the player with the most cards at the end.

Have a wonderful summer.
B'Shalom,
The 4th Grade Team

