4th Grade News

What’s Happening 9/3-9/14

9/3: Labor Day- School Holiday
9/5: Wear Khaki for Core Essential Initiative
9/10: Grandparents Day
9/11: Patriot Day
9/12: Family Night- No Homework
9/13: Individual Picture Day
9/13: Watch D.O.G.S. Kick-Off (6:00-7:30PM-Gym)

Reminders/Other Notes

*Please take time to review the Parent Orientation Slideshow 😊

*Your child is allowed to bring his/her own device to school. We utilize technology often in the classroom and would love to have students bring their technology! Please make sure devices are labeled with a first and last name.

A Peek At What We Are Learning

Reading
Growing Ideas About Characters in Fiction Reading

Writing
Developing Fiction Narrative Story Arch
Grammar: Common, Proper, Singular, & Plural Nouns; Subject & Predicate

Math
Decimal Place Value to the Hundredths; Equivalent Decimals; Decimal & Fraction Conversions

Science
Mixtures & Solutions/ Matter Review
Matter Test 9/19

How to Help at Home

- Review your child’s planner for homework assignments.
- Encourage your child to spend time reading every night.
- Practice all fast facts: addition, subtraction, multiplication, and division.
Helpful Ways to Review Math

Equivalent Decimals

<table>
<thead>
<tr>
<th>Fraction</th>
<th>Decimal</th>
<th>Equivalent Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \frac{3}{10} )</td>
<td>0.3</td>
<td>thirty hundredths</td>
</tr>
<tr>
<td>( \frac{40}{100} )</td>
<td>0.40</td>
<td>forty ten thousandths</td>
</tr>
<tr>
<td>( \frac{5}{10} )</td>
<td>0.50</td>
<td>fifty hundredths</td>
</tr>
</tbody>
</table>

Comparing Decimals

**Example:** 0.02 and 0.2

1. Stack your numbers and line up your decimal points.
   
   \[
   0.02 \quad 0.2
   \]
2. Fill in any empty place value with a zero.
   
   \[
   0.02 \quad 0.20
   \]
3. Starting from left to right, compare each place value.
   
   If the numbers are the same, move to the next place value.

   \[
   0.02 \quad 0.20
   \]
4. Write an inequality sentence comparing your numbers.

   \[
   0.02 < 0.2
   \]
Helpful Ways to Review Science

Forms of Energy:
- Mechanical
  - Energy of motion
  - Making something move: Riding a Bicycle, Pushing a Cart, Kicking a Ball
- Sound
  - Energy that travels in sound waves
  - Voices, Music, Car Engines
- Electrical
  - Energy that flows through currents of electricity
- Thermal
  - Heat energy
- Light
  - Energy that flows through waves of light particles
- Sun and Lamps
- Geothermal

Mixtures & Solutions:

<table>
<thead>
<tr>
<th>Mixtures</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A mixture is two or more substances mixed together.</td>
<td>A solution is two or more substances mixed together.</td>
</tr>
<tr>
<td>The substances can be easily separated.</td>
<td>The substances cannot be easily separated and the combination creates a new substance.</td>
</tr>
<tr>
<td>Each substance keeps its original shape.</td>
<td>One substance dissolves into another.</td>
</tr>
<tr>
<td>You can separate the substances based on their original physical properties.</td>
<td></td>
</tr>
</tbody>
</table>

Examples:
- Sand and water
- Oil and water
- Trail Mix
- Spaghetti and Meatballs

- Sugar and water
- Lemonade
- Hot Chocolate
- Salt and Water
Helpful Ways to Review Writing

Developing Fictional Narratives

Plan Your Story!

Name: 

1. Set the scene and introduce your character.

2. Introduce the problem.

3. Add details to the problem. If it gets worse!

4. The problem gets even worse!

5. The problem gets solved.

Grammar Anchor Charts

Nouns

A noun names a person, place, thing or idea.

- girl
- Saturn
- pencil
- love

There are many different types of nouns.

Common nouns name any noun:
- teacher
- school
- book

Proper nouns name a specific noun:
- Mrs. Nelson
- H.R. Elementary
- Harry Potter

Singular nouns name one thing:
- dog
- child
- pizza

Plural nouns name more than one:
- dogs
- children
- pizzas

You can also add an apostrophe to make a noun possessive. A possessive noun shows ownership. In the phrase Jake’s dog, the apostrophe tells you the dog belongs to Jake.

Subject & Predicate

All complete sentences need a subject and predicate.

The SUBJECT tells the who or what a sentence is about.

The PREDICATE tells what the subject is or does.

- The dog barks at the cat.
- Mr. Smith is my teacher.
- Jo and Bob played at recess.
- Our family went on vacation.
Helpful Ways to Review Reading

Developing Ideas About Characters in Fiction Text

Developing IDEAS about Characters

- My character often... for example...
  This makes me think...
- I use to think my character was...
  because in the text... but now I'm thinking...
  because...
- I'm realizing... about my character...
- The bigger idea here is...
- On the one hand, my character is...
  but on the other hand, s/he is...
- On the outside, s/he seems... but deep inside
  s/he's really...
- So and so sees my character as..., but
  this other person sees my character as...
- Sometimes my character acts...
  but other times, he or she acts...
  This makes me realize...