Summer Reading Learning Packet
for students entering Grade 6

Purpose

Engaging in active reading over the summer months is one of life's great pleasures! Apart from the sheer joy of delving into new literary worlds, you will also gain some practical skills: developing reading fluency, increasing vocabulary, participating in a shared cultural experience, and understanding someone else's point of view. Most importantly, have fun with literature!

Parent Support

- Arrange visits to the library and meet with the librarian for suggestions on titles.
- Help your child set reading goals and a timeline, and frequently check in to monitor progress.
- Ask questions and discuss the books that he or she is reading. Include good questions about plot, characters, particularly well-written passages, and personal connections.

Student Requirement

All incoming 6th graders are encouraged to read at least one fiction and one nonfiction novel over the summer.

Written Response for fiction book:

Please include **title, author, and date of publication.**

Write all of your responses in good paragraph form.

1. In one or two handwritten paragraphs describe the main characters. **What makes the characters unique**? Use evidence from the text (quotes) to support your claim.

2. Identify one or two of your **favorite passages** from the book. Try to identify what is it about the writing that makes them pleasing to read.

3. Overall reaction. Did you like it? Discuss any **personal connections** that you made while reading – connections to personal events in your own life or other stories you've read or seen in films.

Written Response for nonfiction book:

Please include **title, author, and date of publication.**

List 10 Facts that you found interesting. Be ready to discuss your book in a small group.

Summer Math Learning Packet
for students entering Grade 6

Purpose

It is important for students to review math concepts and processes over the summer. Intentional practice will help reinforce fundamental math skills and allow students to use operations easily and accurately. By taking time every week to review basic math concepts from 5th Grade, students can avoid the "summer slide" and be ready to start 6th Grade math off on the right track!

Parent Support

- Create a system to monitor and track progress.
- Check in with your child periodically.
- Check neatness and accuracy of work: An answer key is available through the school's website.

Grade Level Standards

- **Mastery**:
  - addition, subtraction, and multiplication of decimals & fractions
  - fluency with basic math facts
- **Reinforcement**:
  - division of decimals and fractions
  - converting decimals to fractions and fractions to decimals
- **Enrichment:**
  - percentages in real-life problems
  - multi-step problem solving

Student Requirements and Accountability

- While summer learning packets are optional this year, all students are encouraged to complete the following pages of math problems to review 5th grade math concepts and be ready to dive into 6th grade work in the fall. Please try to solve the problems without using a calculator. Use the answer key to check the accuracy of your work.
- Additional resources: Enrichment math work is also available on websites such as Khan Academy, I-Ready, Imagine Learning, and razkids.com.

Sixth Grade Summer Math

Week #1 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

2538	5229	8753	51450 ÷ 98=
+7756	- 188	x 698	

Decimals:

4.2238	9.442	7.37	0.7959 ÷ 0.21=
+2.668	- 0.4	x 0.77	

Fractions:

$\frac{5}{6} + \frac{17}{2} =$ $\frac{11}{6} - \frac{13}{15} =$ $1\frac{3}{4} \times 4\frac{4}{5} =$ $\frac{1}{7} \div \frac{8}{3} =$

Sixth Grade Summer Math

Week #2 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

7979	3445	4242	73749 ÷ 93=
+9684	- 853	x 879	

Decimals:

9.353	94.7770	59.0	5.7288 ÷ 0.93=
+4.672	- 8.2318	x 3.8	

Fractions:

$\frac{3}{4} + \frac{1}{20} =$ $\frac{7}{4} - \frac{7}{9} =$ $\frac{5}{3} \times \frac{17}{12} =$ $1\frac{1}{10} \div 1\frac{4}{7} =$

Sixth Grade Summer Math

Week #3 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

9770	7771	4766	23865 ÷ 43=
+5082	- 570	x 706	

Decimals:

5.8	93.2967	2.20	0.7884 ÷ 0.18=
+4.4418	- 2.3169	x 85	

Fractions:

$\frac{21}{8} + \frac{17}{8} =$ $\frac{16}{9} - \frac{4}{5} =$ $\frac{9}{10} \times \frac{1}{3} =$ $\frac{8}{3} \div \frac{20}{9} =$

Sixth Grade Summer Math

Week #4 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

7068 +3176	7295 - 558	1502 x 297	66728 ÷ 76=

Decimals:

6.9284 +3.1850	51.5 - 9.2	15.2 x 10	2.0853 ÷ 0.21=

Fractions:

$\frac{11}{6} + \frac{11}{6} =$ $\frac{7}{5} - \frac{4}{3} =$ $\frac{3}{11} \times \frac{1}{2} =$ $\frac{1}{6} \div \frac{5}{2} =$

Sixth Grade Summer Math

Week #5 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

1122	4832	7625	12328 ÷ 23=
+2141	- 818	x 862	

Decimals:

1.1	29.55	50.6	1.3728 ÷ 0.26=
+8.530	- 2.175	x 3.3	

Fractions

$\frac{36}{5} + \frac{32}{15} =$ $\frac{25}{16} - \frac{4}{3} =$ $\frac{5}{6} \times \frac{4}{3} =$ $\frac{1}{2} \div 1\frac{3}{7} =$

Sixth Grade Summer Math

Week #6 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

6244 +6396	8824 - 223	5029 x 893	84490 ÷ 85=

Decimals:

4.666 +5.0496	0.15 - 0.1	9.88 x 25	3.5048 ÷ 0.52=

Fractions:

$\frac{3}{5} + \frac{2}{5} =$ $\frac{19}{20} - \frac{1}{2} =$ $\frac{1}{7} \times \frac{23}{4} =$ $\frac{13}{4} \div \frac{12}{5} =$

Sixth Grade Summer Math

Week #7 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

6737 +7482	3662 - 115	5473 x 533	20125 ÷ 35=

Decimals:

3.2555 +6.9	64.31 - 27.24	8.03 x 7.4	4.2097 ÷ 0.89=

Fractions:

$\frac{16}{7} + \frac{9}{7} =$ $\frac{13}{7} - \frac{25}{14} =$ $\frac{3}{11} \times \frac{5}{3} =$ $\frac{19}{9} \div 6\frac{2}{3} =$

Sixth Grade Summer Math

Week #8 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

3615 +5222	3127 - 357	3675 x 120	25245 ÷ 99=

Decimals:

2.28 +6.02	65.6 - 0.9833	27.6 x 96	8.6814 ÷ 0.91=

Fractions:

$\frac{14}{15} + \frac{13}{5} =$ $\frac{23}{20} - \frac{11}{12} =$ $\frac{7}{3} \times 2\frac{1}{5} =$ $\frac{17}{4} \div 3\frac{1}{3} =$

Sixth Grade Summer Math

Week #9 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

4186 +4314	2554 - 557	8061 x 726	70080 ÷ 96=

Decimals:

7.9 +5.12	72.9392 - 5.16	0.785 x 65	0.5655 ÷ 0.15=

Fractions:

$\frac{21}{10} + \frac{18}{5} =$ $\frac{4}{3} - \frac{4}{5} =$ $\frac{3}{4} \times \frac{7}{5} =$ $\frac{1}{3} \div \frac{2}{3} =$

Sixth Grade Summer Math

Week #1 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

2538 +7756 10294	5229 - 188 5041	8753 x 698 6109594	51450 ÷ 98= 525

Decimals:

4.2238 +2.668 6.8918	9.442 - 0.4 9.042	7.37 x 0.77 5.6749	0.7959 ÷ 0.21=3.79

Fractions:

$\frac{5}{6} + \frac{17}{2} = 9\frac{1}{3}$ $\frac{11}{6} - \frac{13}{15} = \frac{29}{30}$ $1\frac{3}{4} \times 4\frac{4}{5} = 8\frac{2}{5}$ $\frac{1}{7} \div \frac{8}{3} = \frac{3}{56}$

Sixth Grade Summer Math

Week #2 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

7979 +9684 17663	3445 - 853 2592	4242 x 879 3728718	73749 ÷ 93=793

Decimals:

9.353 +4.672 14.025	94.7770 - 8.2318 86.5452	59.0 x 3.8 224.20	5.7288 ÷ 0.93=6.16

Fractions:

$\frac{3}{4} + \frac{1}{20} = \frac{4}{5}$ $\quad \frac{7}{4} - \frac{7}{9} = \frac{35}{36}$ $\quad \frac{5}{3} \times \frac{17}{12} = 2\frac{13}{36}$ $\quad 1\frac{1}{10} \div 1\frac{4}{7} = \frac{7}{10}$

Sixth Grade Summer Math

Week #3 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

9770 +5082 14852	7771 - 570 7201	4766 x 706 3364796	23865 ÷ 43=555

Decimals:

5.8 +4.4418 10.2418	93.2967 - 2.3169 90.9798	2.20 x 85 187.00	0.7884 ÷ 0.18=4.38

Fractions:

$\frac{21}{8} + \frac{17}{8} = 4\frac{3}{4}$ $\frac{16}{9} - \frac{4}{5} = \frac{44}{45}$ $\frac{9}{10} \times \frac{1}{3} = \frac{3}{10}$ $\frac{8}{3} \div \frac{20}{9} = 1\frac{1}{5}$

Sixth Grade Summer Math

Week #4 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

7068 +3176 10244	7295 - 558 6737	1502 x 297 446094	66728 ÷ 76=878

Decimals:

6.9284 +3.1850 10.1134	51.5 - 9.2 42.3	15.2 x 10 152.0	2.0853 ÷ 0.21=9.93

Fractions:

$\frac{11}{6} + \frac{11}{6} = 3\frac{2}{3}$ $\frac{7}{5} - \frac{4}{3} = \frac{1}{15}$ $\frac{3}{11} \times \frac{1}{2} = \frac{3}{22}$ $\frac{1}{6} \div \frac{5}{2} = \frac{1}{15}$

Sixth Grade Summer Math

Week #5 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

1122 +2141 3263	4832 - 818 4014	7625 x 862 6572750	12328 ÷ 23=536

Decimals:

1.1 +8.530 9.630	29.55 - 2.175 27.375	50.6 x 3.3 166.98	1.3728 ÷ 0.26=5.28

Fractions

$\frac{36}{5} + \frac{32}{15} = 9\frac{1}{3}$ $\frac{25}{16} - \frac{4}{3} = \frac{11}{48}$ $\frac{5}{6} \times \frac{4}{3} = 1\frac{1}{9}$ $\frac{1}{2} \div 1\frac{3}{7} = \frac{7}{20}$

Sixth Grade Summer Math

Week #6 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

6244 +6396 12640	8824 - 223 8601	5029 x 893 4490897	84490 ÷ 85=994

Decimals:

4.666 +5.0496 9.7156	0.15 - 0.1 0.05	.988 x 25 24.700	3.5048 ÷ 0.52=6.74

Fractions:

$\frac{3}{5} + \frac{2}{5} = 1$ $\frac{19}{20} - \frac{1}{2} = \frac{9}{20}$ $\frac{1}{7} \times \frac{23}{4} = \frac{23}{28}$ $\frac{13}{4} \div \frac{12}{5} = 1\frac{17}{48}$

Sixth Grade Summer Math

Week #7 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

6737 +7482 14219	3662 - 115 3547	5473 x 533 2917109	20125 ÷ 35=575

Decimals:

3.2555 +6.9 10.1555	64.31 - 27.24 37.07	8.03 x 7.4 59.422	4.2097 ÷ 0.89=4.73

Fractions:

$\frac{16}{7} + \frac{9}{7} = 3\frac{4}{7}$ $\frac{13}{7} - \frac{25}{14} = \frac{1}{14}$ $\frac{3}{11} \times \frac{5}{3} = \frac{5}{11}$ $\frac{19}{9} \div 6\frac{2}{3} = \frac{19}{60}$

Sixth Grade Summer Math

Week #8 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

3615 +5222 8837	3127 - 357 2770	3675 x 120 441000	25245 ÷ 99=255

Decimals:

2.28 +6.02 8.30	65.6 - 0.9833 64.6167	27.6 x 96 2649.6	8.6814 ÷ 0.91= 9.54

Fractions:

$\frac{14}{15} + \frac{13}{5} = 3\frac{8}{15}$ $\frac{23}{20} - \frac{11}{12} = \frac{7}{30}$ $\frac{7}{3} \times 2\frac{1}{5} = 5\frac{2}{15}$ $\frac{17}{4} \div 3\frac{1}{3} = 1\frac{11}{40}$

Sixth Grade Summer Math

Week #9 _____

Show all of your work on a separate piece of paper. Writing down every step shows your knowledge!

Whole Numbers:

4186 +4314 8500	2554 - 557 1997	8061 x 726 5852286	70080 ÷ 96=730

Decimals:

7.9 +5.12 13.02	72.9392 - 5.16 67.7792	0.785 x 65 51.025	0.5655 ÷ 0.15= 3.77

Fractions:

$\frac{21}{10} + \frac{18}{5} = 5\frac{7}{10}$ $\frac{4}{3} - \frac{4}{5} = \frac{8}{15}$ $\frac{3}{4} \times \frac{7}{5} = 1\frac{1}{20}$ $\frac{1}{3} \div \frac{2}{3} = \frac{1}{2}$