



# Summer Packet



## Second Grade (rising to 3<sup>rd</sup> grade)

Dear Parents,

This packet of material is intended to provide students with practice material to be completed over the summer. Included in the packet are both reading and math review material. Keeping your child's mind active this summer will prevent a "summer setback" and ensure that they approach middle school having retained the growth gained this year.

There are two calendars for the months of June and July. Please follow the daily activities to practice different math concepts. While completing the activity for the day, please show your work and answer on a separate piece of paper. Make sure to label the paper with the month and date, so the teacher can go back and see your work and the answer.

When you have completed your work on another sheet of paper and have an answer, please have your parent initial the calendar on the day that was completed to show that you did your work.

This assignment will count as a project grade for Math. Please staple all of your work together behind the calendar sheets. Be sure that the calendar sheets are initialed for every day.

Have a wonderful summer,

Mrs. Watson

In addition to this assignment, please take at least 10 minutes a day to practice your Math facts. (Addition, subtraction and multiplication) it is very important that you enter the third grade knowing your fact families for addition and subtraction, and families 0-5 in multiplication. Feel free to extend any of these activities.

## **Reading**

Research shows that allowing students to choose books they read increases motivation and enjoyment, so please have your child choose a book for each categories below.

### **A book from a series**

Title: \_\_\_\_\_

Parent's Initials: \_\_\_\_\_

Date: \_\_\_\_\_

### **A fictional book**

Title: \_\_\_\_\_

Parent's Initials: \_\_\_\_\_

Date: \_\_\_\_\_

Monday	Tuesday	Wednesday	Thursday	Friday
			1 Find the perimeter of a magazine and find the perimeter of a book. Record each in inches.	2 Kate's grandmother is 5 times as old as Kate. If Kate is 11, how old is Kate's grandmother?
5 Doug and Alice made 15 posters for the school play. They hung $\frac{1}{3}$ of the posters in the cafeteria. How many posters did they hang in the cafeteria?	6 The Adam's family went to a concert at 8:00 p.m. The concert lasted one hour and twenty minutes. What time did the concert end?	7 At Rita's, you bought 2 water ices for \$2.67 each. If you pay with a \$10 bill, what will be your change? What if you pay with a \$20 bill?	8 A teacher buys 55 pencils and 55 erasers for his class. Later, he returns 14 items. How many items does the teacher keep?	9 Get 2 quarters, 4 dimes, 4 nickels, and 5 pennies. Make 40 cents three different ways. Make 73 cents three different ways.
12 There are 16 wheels in the garage. How many bikes can cars could there be?	13 Each daisy has 6 petals. How many petals would be on 5 daisies?	14 Janice bought 3 bags of 223 peanuts and 4 bags of 375 pretzels for the party. How many total pretzels and peanuts did she buy?	15 How many quarters make \$5? How many dimes? Nickels? Do you notice any patterns?	16 Find 5 objects where you see fractions being used. Describe the objects.
19 There are 24 students in a classroom. If $\frac{1}{4}$ of the students have glasses, how many students do not have glasses? (not a fraction; a total number)	20 A third grader needs about 10 hours of sleep a night. If Kelly has been sleeping for $7\frac{1}{2}$ hours, how many more hours of sleep does she need?	21 The slowest snails in the world move at a speed of about 22 inches an hour. How many inches do these snails move in half an hour?	22 People take approximately 12 breaths a minute when they are relaxed. How many breaths do people take in two minutes? In 3 minutes? In 4 minutes?	23 Write as many coin combinations as you can that equal \$1.00 using nickels, dimes and quarters.
26 Roll a die 25 times. Record the numbers that you roll each time. Which number came up the most? The least?	27 In the number 75,643 what number is in the ones place? Hundreds place? Ten thousands place?	28 Use a ruler to draw a rectangle measuring 12 cm long and 4 cm wide. Find the area and perimeter.	29 I am a solid figure. I have 6 flat faces, 12 straight edges, and 8 corners. What figure am I?	30 One way to make 9 is $18 - 9$ . Write 4 other subtraction sentences that have an answer of 9.

Monday	Tuesday	Wednesday	Thursday	Friday
<b>3</b> One way to make 15 is $8 + 7$ . Write 4 other ways to make 15.	<b>4</b> Identify the rule for each pattern and then continue the pattern: 5, 7, 9, 11, _____, _____, _____, 75, 80, 85, 90, _____, _____.	<b>5</b> Make a list of the ages of each family member. Round each family member's age to the nearest ten.	<b>6</b> Gather five different boxes of food such as rice or cereal. Measure the height of each box in inches. Which box is the tallest? Which box is the shortest?	<b>7</b> Write all the addition sentences that have an answer of 9. Now write all the addition sentences that have an answer of 10.
<b>10</b> Using the numbers 63, 18, 30, 49, tell which two numbers you would add to get the greatest sum. Add them together.	<b>11</b> What time did you go to bed last night? What time did you get up this morning? How many hours did you sleep?	<b>12</b> Find four canned food items. Which one do you think is the lightest? Which one do you think is the heaviest? Weigh them to find out.	<b>13</b> Using a store flyer, buy 5 items. Add all the items up and see how much you will spend at the store.	<b>14</b> Create a time line for yesterday beginning at the time at which you woke up and ending at the time you went to bed. Include at least 8 events on your time line.
<b>17</b> Draw three shapes. Color $\frac{1}{4}$ of each shape red.	<b>18</b> Determine what time it is now. What time will it be in one half hour from now? Forty- five minutes from now?	<b>19</b> Survey 10 people and ask them what their favorite animal is. Create a bar graph to show your results.	<b>20</b> Roll two dice. Multiply the two numbers rolled and write an equation to show this. Repeat this 10 times.	<b>21</b> Count the number of windows and doors in your home. Determine if these numbers are odd or even.
<b>24</b> Bruce had 16 baseball cards in September. In October he had 20 cards, in November he had 24 cards. If the pattern continues, in what month will he have 52 cards? Show work	<b>25</b> Mai needs 40 hot dog buns for the party. The buns are sold in packages of 6. How many packages should Mai buy?	<b>26</b> Make an array for $8 \times 3$	<b>27</b> Look around! Find 5 examples of parallel lines. List what they are.	<b>28</b> The store sells flour in 1-lb, 5-lb, and 10-lb bags. What is the fewest number of bags to buy if you need 25-lb of flour?
<b>31</b> Add: $38 + 67 =$ $75 + 13 =$ $17 + 36 =$				

## Additional Websites

Use the websites below to help review content taught in second grade and preview third grade material.

<http://www.multiplication.com/games/all-games> (Use these games to practice your multiplication facts.)

<http://www.math-play.com/3rd-grade-math-games.html> 3rd grade Math games to learn different content.)