



Boston Preparatory Charter Public School

1286 Hyde Park Ave. Hyde Park, MA 02136 | (617) 333-6688 | (617) 333-6689 (fax)

Dear Students and Families,

Greetings from the faculty of the Math Department at Boston Prep! As teachers we are already looking forward to an exciting year with our new class of 6th graders. During the summer, the faculty work to prepare for an amazing year of teaching and we are writing to you to ask you to do a little bit of preparation as well before you arrive at Boston Prep in September.

To complete this assignment, you will need to either buy some flashcards or make your own. If you would like to purchase flashcards, we recommend buying 3 inch by 5 inch cards or 4 inch by 6 inch cards at your local grocery, convenience or discount superstore. If you'd like to make your own cards, we recommend using paper a little thicker than regular lined paper and cutting it into fourths.

The list of multiplication facts is attached to this letter. Please write the fact on one side and the answer on the other side. Your assignment over the summer is to practice and master as many of these facts as you can. Here is your first **graded** homework assignment in math:

- 1) Make the flashcards and keep them together with a clip or in a zip lock bag.
- 2) Practice **five times per week** for **ten minutes** each time. At the end of the ten minutes have an adult pick out twenty cards at random (make sure there are some tough ones in there!) and quiz you.
- 3) Fill out the calendar to show the dates you practiced and how many you got right when you were quizzed. A sample is shown below:

2
Quiz: _____ correct
20
signature: _____

Knowing these multiplication facts is a skill that will enable any student to master more complicated areas of study in mathematics. If you have already mastered all of the multiplication tables, we would like you to work on increasing your speed. If you find that you are getting all of the problems right each time you are quizzed, you may start recording how long it takes to get all twenty problems correct. Then try to beat your time with each new quiz.

To show that you have completed this assignment, you will be required to turn in the following on the first day of school:

- Your set of flashcards.
- Your completed calendar listing all of the dates you were quizzed, your score on each quiz, and the signature of the adult who gave the quiz.

If you have any questions about this assignment, please do not hesitate to contact either of us. Have a great summer and we look forward to seeing you in August!

Sincerely,

Mr. Nick Thompson
6th Grade Math Procedures Teacher
nthompson@bostonprep.org
617.333.6688 ext. 122

Mr. Tim Suba
6th Grade Math Problem Solving Teacher
tsuba@bostonprep.org
617.333.6688 ext. 135

Front of Card	On the Back
1 x 2	2
1 x 3	3
1 x 4	4
1 x 5	5
1 x 6	6
1 x 7	7
1 x 8	8
1 x 9	9
1 x 10	10
1 x 11	11
1 x 12	12
2 x 2	4
2 x 3	6
2 x 4	8
2 x 5	10
2 x 6	12
2 x 7	14
2 x 8	16
2 x 9	18
2 x 10	20
2 x 11	22
2 x 12	24
3 x 3	9
3 x 4	12
3 x 5	15
3 x 6	18
3 x 7	21
3 x 8	24
3 x 9	27
3 x 10	30
3 x 11	33
3 x 12	36

Front of Card	On the Back
4 x 4	16
4 x 5	20
4 x 6	24
4 x 7	28
4 x 8	32
4 x 9	36
4 x 10	40
4 x 11	44
4 x 12	48
5 x 5	25
5 x 6	30
5 x 7	35
5 x 8	40
5 x 9	45
5 x 10	50
5 x 11	55
5 x 12	60
6 x 6	36
6 x 7	42
6 x 8	48
6 x 9	54
6 x 10	60
6 x 11	66
6 x 12	72
7 x 7	49
7 x 8	56
7 x 9	63
7 x 10	70
7 x 11	77
7 x 12	84

Front of Card	On the Back
8 x 8	64
8 x 9	72
8 x 10	80
8 x 11	88
8 x 12	96
9 x 9	81
9 x 10	90
9 x 11	99
9 x 12	108
10 x 10	100
10 x 11	110
10 x 12	120
11 x 11	121
11 x 12	132
12 x 12	144
0 x 0	0
1 x 0	0
2 x 0	0
3 x 0	0
4 x 0	0
5 x 0	0
6 x 0	0
7 x 0	0
8 x 0	0
9 x 0	0
10 x 0	0
11 x 0	0
12 x 0	0