

# BRADLEY BEACH ELEMENTARY SCHOOL

515 BRINLEY AVENUE  
BRADLEY BEACH, NEW JERSEY 07720  
TELEPHONE: (732) 775-4413  
www.bbesnj.org

Susan Monroe, Ph.D.  
Board President

Mr. David Tonzola  
Business Administrator/Board Secretary



Dr. Stephen T. Wisniewski  
Superintendent/Principal

Mrs. Alison Zylinski  
Supervisor of Special Services

Ms. Sarah Poppe  
Director of Curriculum

## Summer Math Assignment for Incoming 6th - 8th Graders

Dear Students,

We will miss you all during summer vacation! We hope you have a relaxing summer, but we don't want you to forget everything we have taught you this year. We want the best for all of you, so we are asking you to use a small portion of your break to review some of the more important topics that you learned this year.

Using your IXL account, please spend time each week working **on the topics that are listed for the grade you are going into**. You can sign in with your smartphone, tablets, laptops, or computer. If you do not have any of these, the local library has computers for your use.

By signing into your account, we can track your progress and give you kudos for the work you have done when we are all back together again in September. Who knows, maybe you'll even receive a special surprise! Please do your best and have a great summer!

From,  
**The Middle School Math Teachers**

**Going into 6th Grade?** Please complete the following 5th grade skills:

- C.15 Multiply 2-digit numbers by larger numbers
- D.13 Divide 4-digit numbers by 2-digit numbers
- E.2 Evaluate exponents
- G.19 Number sequences involving decimals
- O.7 Add, subtract, multiply, and divide decimals
- K.5 Write fractions in lowest terms
- K.6 Convert between improper fractions and mixed numbers
- O.9 Add, subtract, multiply, and divide fractions and mixed numbers
- O.6 Evaluate numerical expressions with parentheses
- V.1 Write variable expressions
- BB.10 Classify quadrilaterals
- EE.15 Volume of cubes and rectangular prisms
- U.2 Graph points on a coordinate plane

**Going into 7th Grade?** Please complete the following 6th grade skills:

- B.1 Multiply whole numbers
- C.5 Divide whole numbers - 2-digit divisors
- O.4 Add, subtract, multiply, or divide two decimals
- O.7 Add, subtract, multiply, or divide two fractions
- M.7 Put integers in order
- S.2 Convert between percents, fractions, and decimals
- R.6 Ratio tables
- R.8 Unit rates
- Y.5 Evaluate multi-variable expressions
- Y.11 Multiply using the distributive property
- E.5 Prime factorization
- Y.12 Factor using the distributive property
- Y.16 Identify equivalent expressions
- Z.7 Solve one-step equations with decimals, fractions, and mixed numbers
- AA.2 Graph inequalities on number lines
- FF.6 Area of compound figures

**Going into 8th Grade?** Please complete the following 7th grade skills:

- C.19 Add, subtract, multiply, and divide integers
- L.2 Convert between percents, fractions, and decimals
- H.10 Add and subtract rational numbers
- H.15 Multiply and divide rational numbers
- R.14 Add and subtract linear expressions
- R.16 Factors of linear expressions
- R.18 Identify equivalent linear expressions II
- G.18 Evaluate numerical expressions involving fractions
- S.6 Solve two-step equations
- S.8 Solve equations involving like terms
- T.7 Graph solutions to two-step inequalities
- J.11 Solve proportions
- L.7 Solve percent equations
- M.8 Find the percent: tax, discount, and more
- K.4 Find the constant of proportionality from a graph

**Going into Algebra?** Please complete the following...

7th grade skills:

- C.8 Evaluate numerical expressions involving integers
- H.10 Add and subtract rational numbers
- H.15 Multiply and divide rational numbers
- R.18 Identify equivalent linear expressions II
- S.4 Write and solve equations that represent diagrams
- T.6 Solve two-step inequalities
- T.7 Graph solutions to two-step inequalities

8th grade skills:

- W.9 Solve multi-step equations
- Y.1 Find the slope of a graph
- Y.2 Find the slope from two points
- Y.3 Find a missing coordinate using slope
- Y.5 Graph a line using slope
- Y.6 Graph a line from an equation in slope-intercept form
- Y.8 Write a linear equation from a graph
- Z.13 Compare linear functions: tables, graphs, and equations
- AA.2 Solve a system of equations by graphing