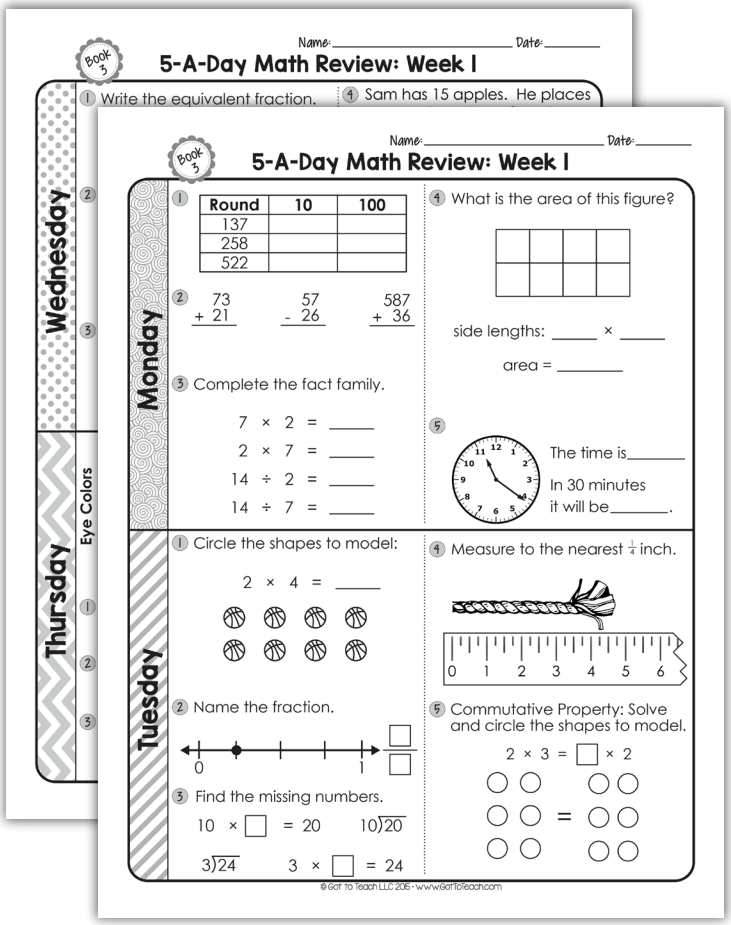
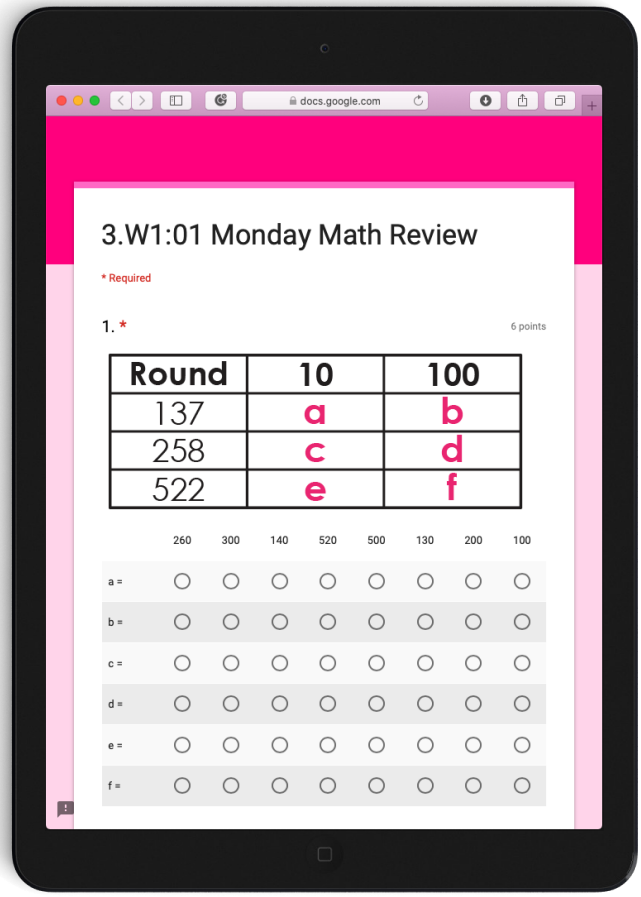
3RD GRADE MATH DIGITAL SPIRAL REVIEW

This is the digital version of the paper-based 5-A-Day Math Spiral Review. This resource is designed to be used daily for up to 36 weeks. Each week of this review consists of four Google Form quizzes, one for each day Monday-Thursday. On Fridays, you can assess student learning with these **3rd Grade Math Digital Weekly Quizzes**, which align perfectly with the content covered during the week.

Paper-Based Version ⇄ Digital Version



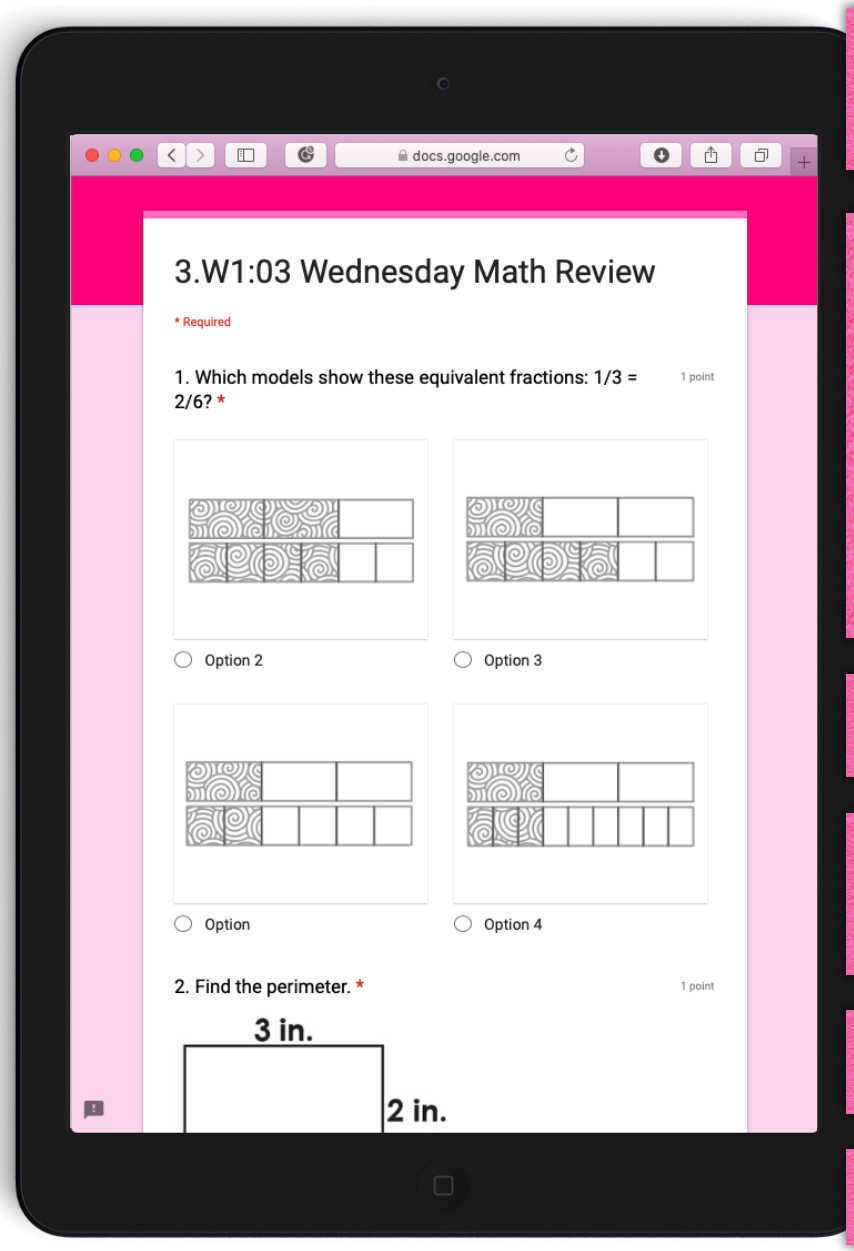


SKILLS/TOPICS COVERED:

- Rounding to 10 and 100 (3.NBT.A.1)
- Multiply by Multiples Of 10 (3.NBT.A.3)
- Add & Subtract within 1000 (3.NBT.A.2)
- Multiplication & Division Fact Families (3.OA.C.7)
- Area & Unit Squares (3.MD.C.5; 3.MD.C.6; 3.MD.C.7.A-C)
- Time Problems (3.MD.A.1)
- Arithmetic Patterns (3.OA.D.8)
- Represent & Solve Multiplication & Division (3.OA.A.1-3)
- Understand & Represent Fractions (3.NF.A.1 & 2)
- Unknown Factors & Quotients (3.OA.B.6)
- Measure Lengths (3.MD.B.4)
- Partition Shapes (3.G.A.2)
- Apply Properties of Multiplication (3.OA.B.5)
- Equivalent Fractions (3.NF.A.3.A-C)
- Perimeter (3.MD.D.8)
- Reason with Shapes & Their Attributes (3.G.A.1)
- Find Areas of Rectilinear Figures (3.MD.C.7.D)
- Multiplication & Division Word Problems (3.OA.A.3)
- Bar Graphs & Picture Graphs (3.MD.B.3)
- Two-Step Word Problems with Four Operations (3.OA.D.8)
- Compare Fractions (3.NF.A.3.D)

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Created in GOOGLE FORMS



36 Weeks of Daily Spiral Review

Each week has 4 **Google Forms Quizzes**; One for each day — Monday, Tuesday, Wednesday, and Thursday

Automatic Grading

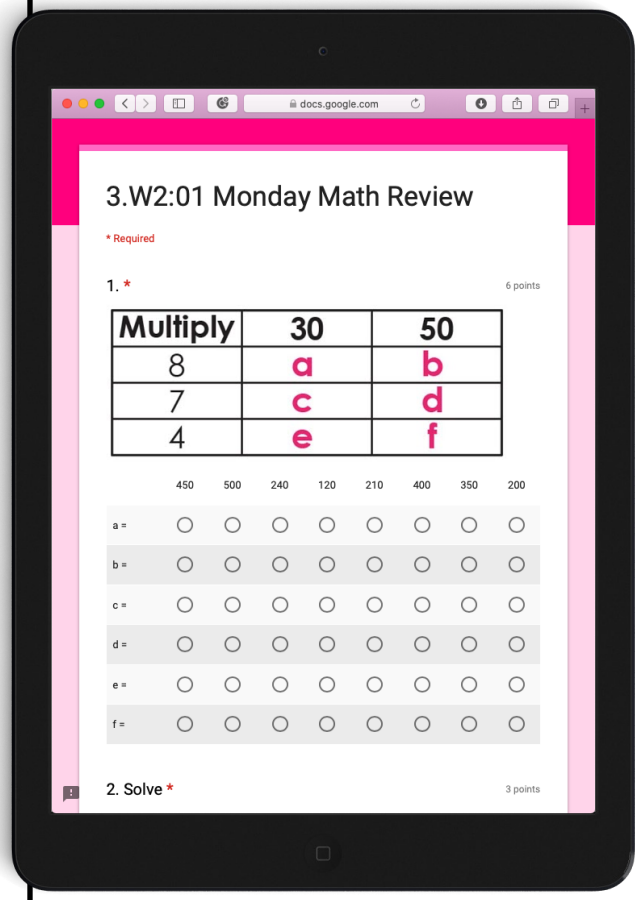
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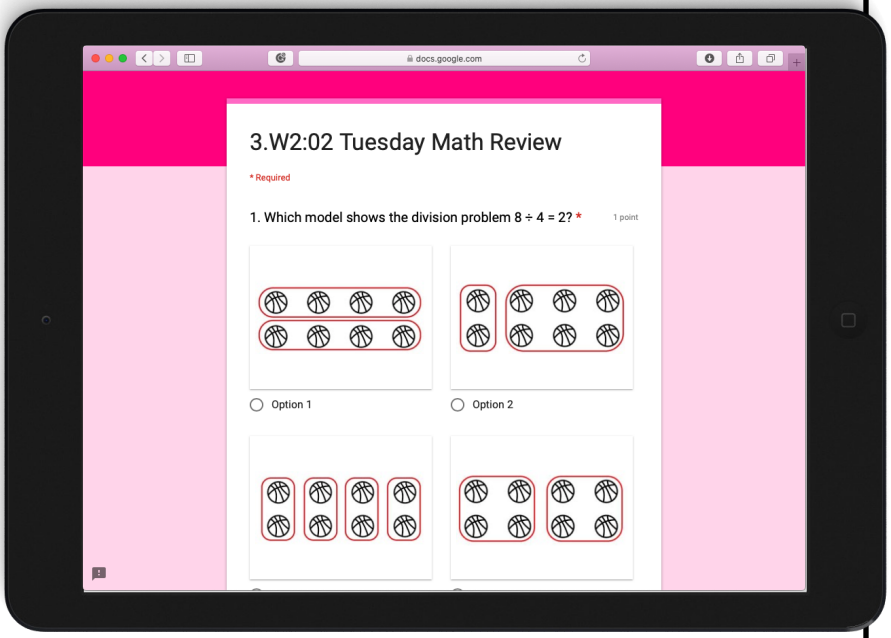
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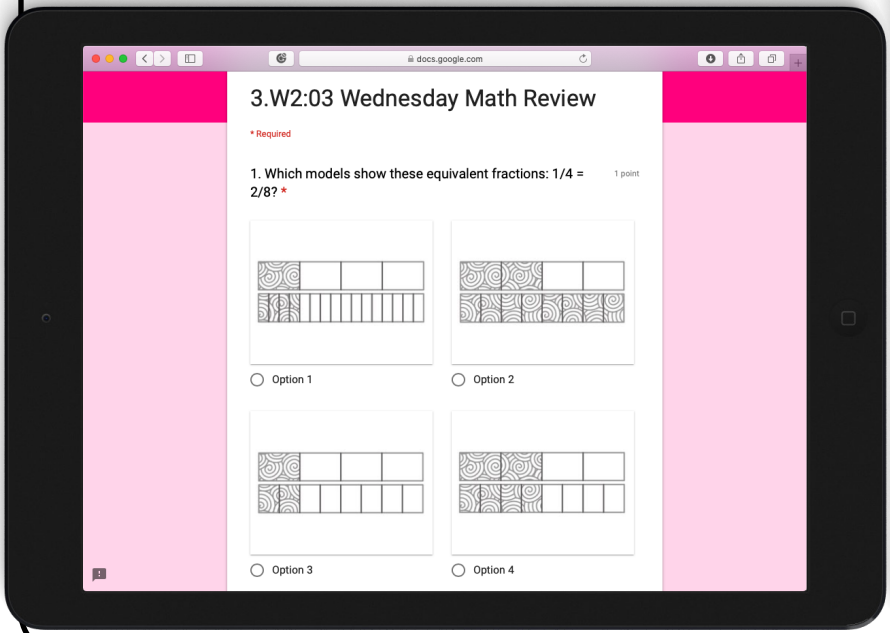
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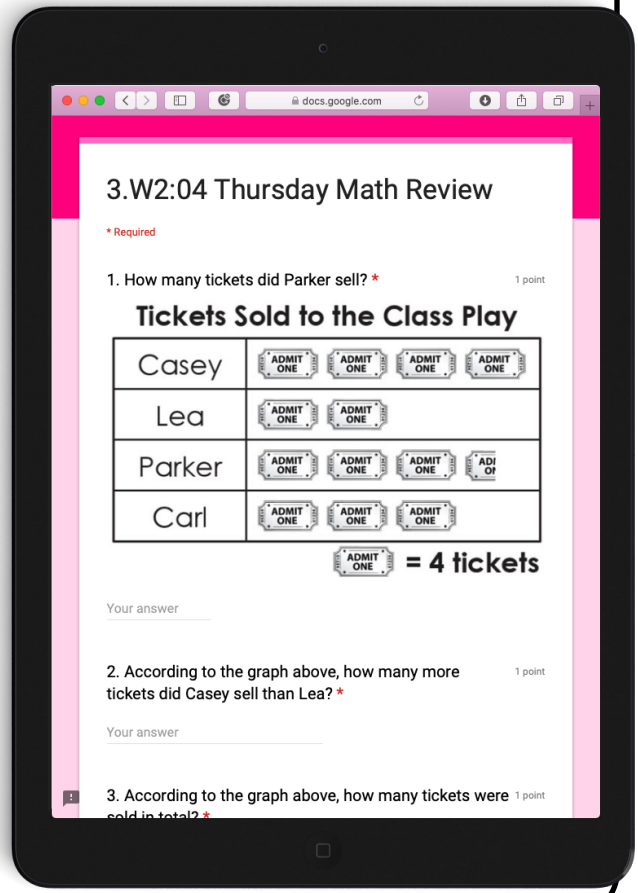
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Using GOOGLE FORMS

Step 1

You must have a **Google Classroom** account, and your students must also have a **Gmail** account. These accounts are free. Please contact your school's or district's Informational Technology department for assistance setting up these accounts.

Step 2

Copy all the Google Forms to your Google Drive by clicking on the provided links. These links are all organized in the provided spreadsheet. You will then be prompted to create a copy. Click on "copy" and the Google Forms will be saved to your Google Drive.

Step 3

Assign Google Forms to your students. In Google Classroom, create an assignment and search for the Google Form in your Google Drive. Once you locate the Google Form you want your students to complete, click "assign to all students."

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RESOURCE NOTES
Book 3
5-A-Day Math Review

USING THIS RESOURCE

This resource is intended to be used all year long to preview and review important math concepts. It can be used as morning work, "bell-ringers," homework, center work, or as test prep. It is recommended that you complete the first 2-3 weeks with your students in a whole-group setting. This will allow you to model the various skills while familiarizing your students with the format. After this period of guided instruction your students can then complete the activities independently, or if you prefer, in small groups or pairs.

Students should expect to encounter concepts that they are unfamiliar with, especially when first beginning the resource. It is best to assure them that any new material presented is simply a preview that will build background knowledge for a formal lesson(s) that will take place in the future. The tasks for each week will gradually increase in complexity and/or difficulty as the weeks go on.

It is important to dedicate 10-15 minutes a day correcting and discussing the completed work in class. This will not only allow students to check their work, but it will also provide you with an opportunity to model the completion of these tasks.

MONDAY.1: ROUND (3.NBT.A.1) & MULTIPLY BY MULTIPLES OF 10 (3.NBT.A.3)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will round three different numbers to 10 and 100
- On even weeks (2, 4, 6… etc.) the students will complete six multiplication problems that contain a multiple-of-10 factor and a single-digit factor (e.g. 30 × 9).

MONDAY.2: ADD & SUBTRACT WITHIN 1000 (3.NBT.A.2)

The students will complete a combination of three addition and subtraction problems. Some addition problems will require regrouping and some subtraction problems will require ungrouping and subtracting across zeros.

MONDAY.3: MULTIPLICATION & DIVISION FACT FAMILIES (3.OA.C.7)

The students will complete 4 multiplication and division facts that are part of the same fact family.

MONDAY.4: AREA & UNIT SQUARES (3.MD.C.5; 3.MD.C.6; 3.MD.C.7.A-C)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will count unit squares to determine the area of various rectangles. They will also provide the side lengths of these rectangles to visualize the relationship between these lengths and the area.
- On even weeks (2, 4, 6… etc.) the students will count unit squares to determine the area of various rectilinear figures.

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RESOURCE NOTES

Book 3

5-A-Day Math Review

MONDAY.5: TIME PROBLEMS (3.MD.A.1) & ARITHMETIC PATTERNS (3.OA.D.8)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will read an analog clock accurately to the minute. They will then complete a related elapsed time problem.
- On even weeks (2, 4, 6… etc.) the students will complete a table based on an arithmetic pattern. They will then describe the pattern.

TUESDAY.1: REPRESENT & SOLVE MULTIPLICATION & DIVISION (3.OA.A.1-3)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will model various multiplication problems by circling groups within given arrays.
- On even weeks (2, 4, 6… etc.) the students will model various division problems by circling groups within given arrays.

TUESDAY.2: UNDERSTAND & REPRESENT FRACTIONS (3.NF.A.1 & 2)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will determine the fraction that is represented by a point on a number line.
- On even weeks (2, 4, 6… etc.) the students will determine the fraction that is represented by a bar model.

TUESDAY.3: UNKNOWN FACTORS & QUOTIENTS (3.OA.B.6)

The students will use their understanding of multiplication and division relationships to determine the unknown factor and/or quotient of a problem.

TUESDAY.4: MEASURE LENGTHS (3.MD.B.4) & PARTITION SHAPES (3.G.A.2)

This item alternates every week:

- On odd weeks (1, 3, 5… etc.) the students will measure various items to the nearest ¼ inch.
- On even weeks (2, 4, 6… etc.) the students will partition various shapes into equal parts and shade them in to represent a given fraction.

TUESDAY.5: APPLY PROPERTIES OF MULTIPLICATION (3.OA.B.5)

The students will model three properties of multiplication by circling "counters." This item alternates each week; the first week is commutative, the second week is associative, and the third week is distributive. This rotation continues throughout the entire 36 weeks.

WEDNESDAY.1: EQUIVALENT FRACTIONS (3.NF.A.3.A-C)

The students will find an equivalent fraction for a given fraction. The first 18 weeks provide students with fraction bars as models. The last 18 weeks are completed without fraction bars; you may ask that students draw their own fraction models during these weeks.

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RESOURCE NOTES
Book 3
5-A-Day Math Review

WEDNESDAY.2: PERIMETER (3.MD.D.8)
Given two side lengths, the students will compute the areas of various rectangles.

WEDNESDAY.3: REASON WITH SHAPES & THEIR ATTRIBUTES (3.G.A.1)
This task varies from week to week. During the first 18 weeks, the students will be asked to categorize and identify various shapes. During the last 18 weeks, the students will need to draw various shapes based on given attributes.

WEDNESDAY.4: FIND AREAS OF RECTILINEAR FIGURES (3.MD.C.7.D)
The students will need to find the area of complex shapes. This will require them to use mathematical reasoning to determine the lengths of unlabeled sides.

WEDNESDAY.5: MULTIPLICATION & DIVISION WORD PROBLEMS (3.OA.A.3)
The students will solve a word problem that is based on a basic multiplication or division fact. They will need to show their work using a model or an equation.

THURSDAY.1-3: BAR GRAPHS & PICTURE GRAPHS (3.MD.B.3)
This item alternates every week:
- On odd weeks (1, 3, 5… etc.) the students will interpret data from a bar graph. They will then answer three two-step questions based on the data.
- On even weeks (2, 4, 6… etc.) the students will interpret data from a picture graph. They will then answer three two-step questions based on the data.

THURSDAY.4: TWO-STEP WORD PROBLEMS WITH FOUR OPERATIONS (3.OA.D.8)
The students will complete two step word problems that contain a combination of all four operations. The first 18 weeks include equation frames for each of the problems. The last 18 weeks require that students write their own equations to show the two-steps.

THURSDAY.5: COMPARE FRACTIONS (3.NF.A.3.D)
This item alternates every week:
- On odd weeks (1, 3, 5… etc.) the students will compare fractions that have different denominators, but the same numerators.
- On even weeks (2, 4, 6… etc.) the students will compare fractions that have the same denominator, but different numerators.

The first 18 weeks provides students with fraction bars as models. The last 18 weeks requires students to draw their own fraction bar models.

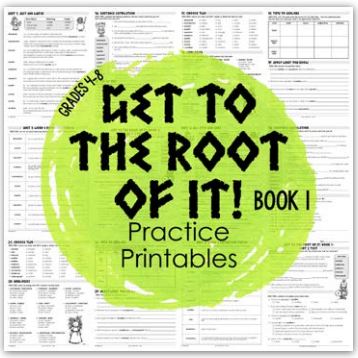
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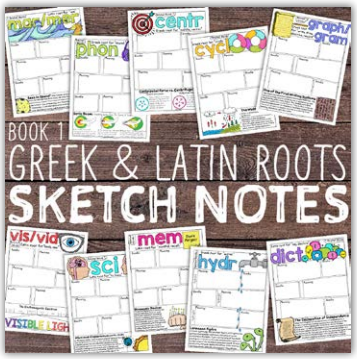
TEACHER thrive

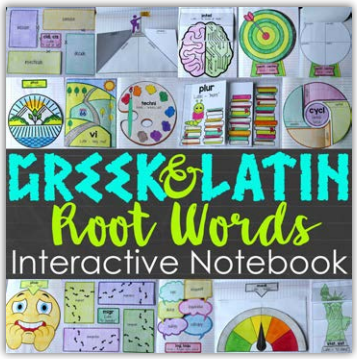
Helping teachers thrive, not just survive, in education

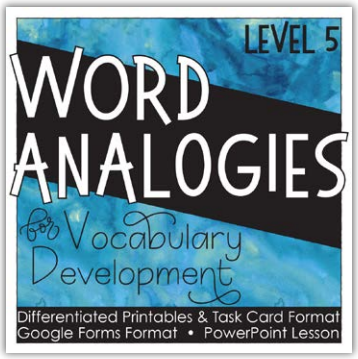
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VOCABULARY RESOURCES

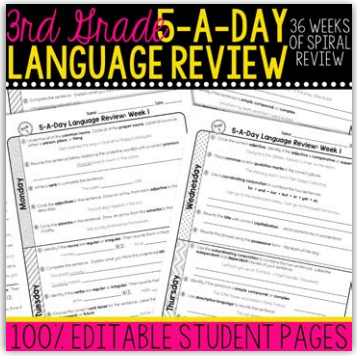


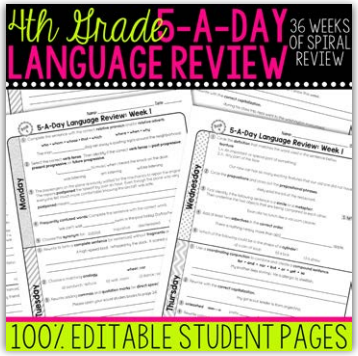


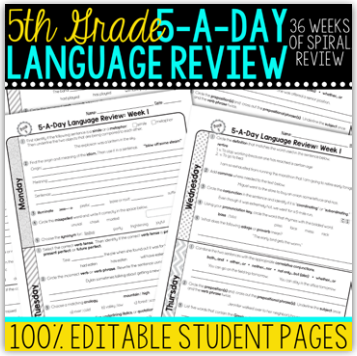


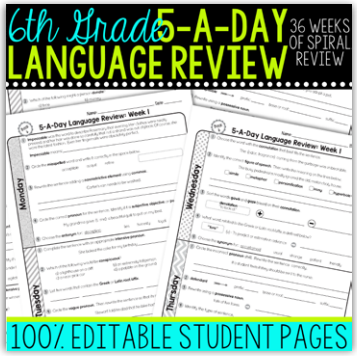


DAILY LANGUAGE REVIEWS (GRADES 3-8)

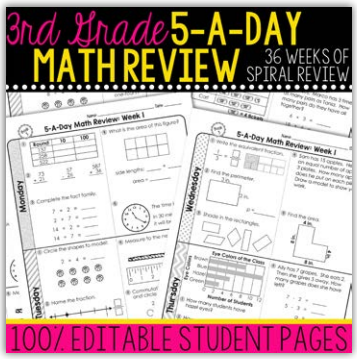


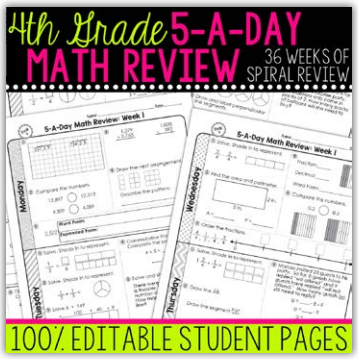


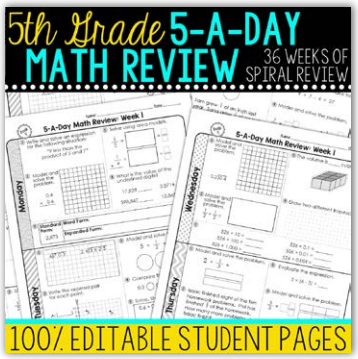


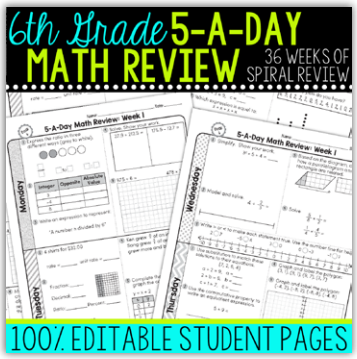


DAILY MATH REVIEWS (GRADES 3-6)









HANDS-ON MATH TILES



