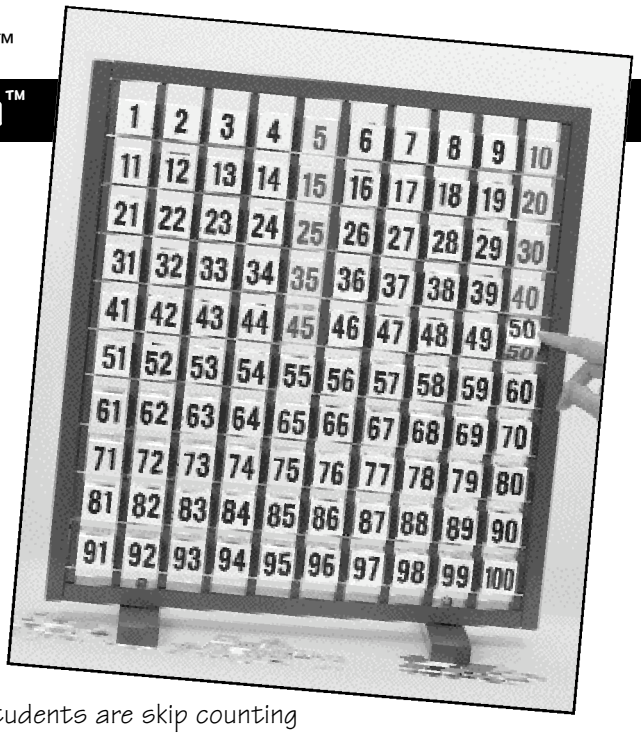
Really Good Stuff **Activity Guide**™

100 Grid: Magnetic Flip and Learn™



Congratulations on your purchase of the Really Good Stuff® 100 Grid: Magnetic Flip and Learn™—a great interactive tool for working with numbers from 1 to 100 when teaching counting skills, addition, subtraction, number patterns, and much more!

Inside this Really Good Stuff® set you'll find:

- 19 1/16" by 21 1/4" grid with numeral squares from 1-100 that flip from red to black to magnetic
- This Really Good Stuff Activity Guide™

Suggestions for Assembly, Storage, and Care:

- Hold frame on the sides and tip the top away from you to display the red numbers
- Hold frame on the sides and tip the top towards you to display the black numbers
- Fold out legs to support grid when in use
- Fold in legs and store upright or flat
- Wipe off with a wet sponge

Flip and Learn Activities for the 100 Grid

Counting To 100

Help your students practice counting from 1 to 100 while interacting with the grid. Hold the frame on the sides and tip the top away from you until all the red numbers have flipped into place. Set the frame on a desk or table. As the students count, flip the numbers to the black numeral to help them keep track of where they are in their counting. If desired, flip the grid to the red numbers a second time and have students count backwards from 100 to 1. Place the grid at a center or table for practice counting during free time or for reinforcement of counting skills.

Skip Counting

Use the grid to teach skip counting. Hold the frame on the sides and tip the top away from you until all the red numbers have flipped into place. Set the frame on a desk or table. Choose the number you wish students to use in skip counting. Call on students to flip the numbers. Each time a number is flipped, have students read the skip counting numbers from the beginning. For example, if students are skip counting by 2s and the next student turns over the 10, then students would read the black numbers 2, 4, 6, 8, and 10 out loud. Be sure to have students skip count by 2s, 5s, and 10s. Challenge them by skip counting with more difficult numbers.

Addition

Demonstrate how to use the grid for addition problems. Hold the frame on the sides and tip the top towards you until all the black numbers have flipped into place. Set the frame on a desk or table. Write the following addition problem on the board: 5 + 7 = ? Show students that to begin, they flip the first number in the addition problem to red 5. Then, they count forward the second number in the problem and flip the number to red 12. Have them repeat the problem 5 + 7 = 12 as you demonstrate a second time on the grid. Write another addition problem on the board and choose a student to find the sum by using the grid. Continue with several problems until all students have had a chance to solve an addition problem with the grid. If desired, give students permission to use the grid to help them solve troublesome addition problems they may find in their seatwork.

Subtraction

Demonstrate how to use the grid for subtraction problems. Hold the frame on the sides and tip the top towards you until all of the black numbers have flipped into place, then set the frame on a desk or table. Write

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the following subtraction problem on the board: 15 - 9 =? Show students that to begin, they flip the first number in the subtraction problem to red 15. Then, count backwards to the second number in the problem and flip the number to red (which is the 6). Have them repeat the problem 15 - 9 = 6 as you demonstrate a second time on the grid. Write another subtraction problem on the board and choose a student to find the difference by using the grid. Continue with several problems until all students have had a chance to solve a subtraction problem with the grid. If desired, give students permission to use the grid to help them solve troublesome subtraction problems they may find in their seatwork.

Looking For Number Patterns

Challenge your students to look for number patterns in the 100s grid. Hold the frame on the sides and tip the top away from you until the red numbers have flipped into place. Set the frame on a desk or table. Begin by telling students that you are looking for number patterns. Demonstrate a number pattern by flipping the 10, then the 20, 30 and so on until all of the tens have been flipped to black. Ask students what type of pattern they see. You may hear that all of the numbers at the end of the row end in 0, or the numbers in the tens place count from 1 to 10. Have students brainstorm all the reasons they can think of and share them with the class. When all of the reasons have been shared, turn the numbers quickly back to red by running your finger up the boxes from bottom to top. Challenge students to find more number patterns. Allow students to come up to the grid and demonstrate the patterns they see.

Morning Math

Let the Flip and Learn Grid be part of your morning exercises. Choose a math problem each morning for students to solve with the grid. You could choose a number to skip count, an addition problem, a subtraction problem, etc. to get your students thinking mathematically.

100th Day Countdown

Let your students keep track of the days in school up to the 100th day with the Flip and Learn Grid. Hold the frame on the sides and tip the top away from you until all of the red numbers have flipped into place. Set the frame on a desk or table. During your 100th day countdown activities, choose a student to flip the number representing the day in school on the grid. After discussing the countdown with students, use the grid for math activities during the day. Reset the grid for the next day's 100th day countdown.

Using the Magnetic Side of the Grid

The magnetic side of the **100 Grid: Magnetic Flip & Learn**™ is a perfect display to showcase classroom magnets* for lots of activities throughout the curriculum. Use the 100 Grid: Magnetic Flip & Learn™ to reinforce patterning, place value, or ordinal numbers in math; phonics, word building, or sentence building in Language Arts; and matching, sorting, and categorizing activities in Science and Social Studies. It can also be used for classroom management activities such as lunch count, incentive charts, or job assignments as well as a palette for magnet art. Just hold the frame on the sides and tip the top away from you until all of the numbers have flipped into place, leaving blank magnetic squares on the back. Place small classroom magnets on the squares to feature the desired activity and place at a center for additional reinforcement.

Flip and Learn Challenge

After trying the activities above, challenge your students to think of additional activities that can be done on the both sides of the grid. Each time a student thinks of a new way to use the grid, write the idea on an index card and store at a center along with the grid. Have students try out the new ideas during free time.

*Magnets for additional math skills such as number words, ordinal numbers, addition, multiplication, graphing tiles, and more are available by purchasing Really Good Stuff® **Math Skills Magnetic Tiles** #150000.