

**KCS  home**

# **Algebra Supports**

AAO Alg I Standard A1.F.1F.A2: Understand and recognize the calculations for skip counting (ex. Counting by 5 means each number is 5 more than the last)

Monday 6	Tuesday 7	Wednesday 8	Thursday 9	Friday 10
<p>This unit will be on skip counting. Skip counting helps students learn valuable math skills that can carry over into life skills, such as counting and managing money.</p> <p>Students may create their own grid or may fill in the blank grid that is provided in the attached resources for Monday.</p> <p>If the student chooses to create their own grid, they will need a sheet of paper to create a number grid. Students will need to write numbers into a grid from 1 to 100 in rows of 10 across the page of paper. It might help to draw a grid of 10 rows with 10 squares before filling in the numbers.</p> <p>From there, students will begin counting by 1's to fill in the grid.</p> <p>Depending on the student's abilities, there are grids attached with 20%, 50%, and 95% of the numbers missing. For extra practice, students may complete all of the provided grids.</p>	<p>This is a continuation of yesterday's skip counting review. However, today students are counting by 5's.</p> <p>Students will begin with filling in the attached grid but doing so counting by 5's to fill in the grid.</p> <p>This is an important skill for students to practice because it enhances student's money skills.</p> <p>In the attached resources, students will work on counting by 5's using a variety of ways such as with bills, coins, or standard numerals. If you have loose change and bills around your house, it is encouraged for students to use those. If those are not available, please use the attached money manipulatives.</p> <p>The worksheets included are sample activities to help reinforce learning. We encourage students to continue practicing counting by 5's using resources throughout your house or with the money manipulatives provided.</p>	<p>Continuing on with the skip counting review, students will now count by 10's.</p> <p>Students will begin with filling in the attached grid but will count by 10's to fill in the grid.</p> <p>This step allows students to enhance their money skills by reinforcing how to count by 1's, 5's, and now 10's.</p> <p>In the attached resources, students will work on counting by 10's using a variety of ways such as with bills, coins, or standard numerals. If you have loose change and bills around your house, it is encouraged for students to use those. If those are not available, please use the attached money manipulatives.</p> <p>The worksheets included are sample activities to help reinforce learning. We encourage students to continue practicing counting by 10's using resources throughout your house or with the money manipulatives provided.</p>	<p>Today, students will continue the skip counting review by counting by 20's.</p> <p>Students will begin with filling in the attached grid but will count by 20's to fill in the grid.</p> <p>This step allows students to enhance their money skills by reinforcing how to count by 1's, 5's, 10's, and now 20's.</p> <p>In the attached resources, students will work on counting by 20's using a variety of ways such as with bills, coins, or standard numerals. If you have loose change and bills around your house, it is encouraged for students to use those. If those are not available, please use the attached money manipulatives.</p> <p>The worksheets included are sample activities to help reinforce learning. We encourage students to continue practicing counting by 20's using resources throughout your house or with the money manipulatives provided.</p>	<p>Today students will have the opportunity to show how they incorporate skip counting when trying to determine money amounts.</p> <p>Students will be tasked with problems that encourage them to choose the appropriate skip counting method when trying to solve a money math problem.</p> <p>The resources attached will have a variety of different coins on the same page, in which students must appropriately skip count to determine the correct amount.</p> <p>Students are encouraged to do the same with the bill manipulatives attached to enhance their money skills.</p> <p>After students complete the money worksheet, have students use the blank grid provided to practice filling in numbers by skip counting by 5's, 10's, and 20's.</p>

\*\*\* Please do not throw away the sample money manipulative pages after each lesson. You will find that your student may continue to use each of those throughout the week. \*\*\*

**Please make sure that when you are opening these links to print the worksheets you are not using safari. Safari will not let you print the worksheet off in a PDF and will mess up the format of the worksheet.**

### **Monday's resources:**

1. 95% of the numbers are missing: [https://www.math-aids.com/cgi/pdf\\_viewer\\_5.cgi?script\\_name=hundreds\\_basic.pl&nset=1&percent=05&language=0&memo=&answer=1&x=68&y=22](https://www.math-aids.com/cgi/pdf_viewer_5.cgi?script_name=hundreds_basic.pl&nset=1&percent=05&language=0&memo=&answer=1&x=68&y=22)
2. 50% of the numbers are missing: [https://www.math-aids.com/cgi/pdf\\_viewer\\_5.cgi?script\\_name=hundreds\\_basic.pl&nset=1&percent=50&language=0&memo=&answer=1&x=86&y=13](https://www.math-aids.com/cgi/pdf_viewer_5.cgi?script_name=hundreds_basic.pl&nset=1&percent=50&language=0&memo=&answer=1&x=86&y=13)
3. 20% of the numbers are missing: [https://www.math-aids.com/cgi/pdf\\_viewer\\_5.cgi?script\\_name=hundreds\\_basic.pl&nset=1&percent=80&language=0&memo=&answer=1&x=89&y=34](https://www.math-aids.com/cgi/pdf_viewer_5.cgi?script_name=hundreds_basic.pl&nset=1&percent=80&language=0&memo=&answer=1&x=89&y=34)
4. Whole grid is missing numbers: [https://www.math-aids.com/cgi/pdf\\_viewer\\_5.cgi?script\\_name=hundreds\\_basic.pl&nset=1&percent=-99&language=0&memo=&answer=1&x=123&y=14](https://www.math-aids.com/cgi/pdf_viewer_5.cgi?script_name=hundreds_basic.pl&nset=1&percent=-99&language=0&memo=&answer=1&x=123&y=14)

### **Tuesday's Resources:**

1. Counting by 5's Grid [https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank\\_pc=50&min=5&step=5&cols=5&rows=4&colorstep=0&thousandseparator=1&color=red&font=Arial&FontSize=14pt&table100wide=1&ptitle=&PDF\\_worksheet=PDF+worksheet](https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank_pc=50&min=5&step=5&cols=5&rows=4&colorstep=0&thousandseparator=1&color=red&font=Arial&FontSize=14pt&table100wide=1&ptitle=&PDF_worksheet=PDF+worksheet)
2. \$5 manipulatives: [https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us\\_manipulatives.pl&bill=5&x=97&y=18](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us_manipulatives.pl&bill=5&x=97&y=18)

3. Counting by \$5 bills:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us.pl&five=5&max\\_bill=4&language=0&memo=&answer=1&x=142&y=25](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us.pl&five=5&max_bill=4&language=0&memo=&answer=1&x=142&y=25)
4. Nickel manipulatives:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_coins\\_us\\_manipulatives.pl&coin=5&x=77&y=13](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_coins_us_manipulatives.pl&coin=5&x=77&y=13)
5. Counting by \$.05 coins:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_coins\\_us.pl&nickel=5&max\\_coin=7&language=0&memo=&answer=1&x=64&y=18](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_coins_us.pl&nickel=5&max_coin=7&language=0&memo=&answer=1&x=64&y=18)

**Wednesday's Resources:**

1. Counting by 10's Grid:  
[https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank\\_pc=70&min=10&step=10&cols=5&rows=2&colorstep=0&thousandseparator=1&color=red&font=AriaI&FontSize=14pt&table100wide=1&ptitle=&PDF\\_worksheet=PDF+worksheet](https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank_pc=70&min=10&step=10&cols=5&rows=2&colorstep=0&thousandseparator=1&color=red&font=AriaI&FontSize=14pt&table100wide=1&ptitle=&PDF_worksheet=PDF+worksheet)
2. \$10 manipulatives:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us\\_manipulatives.pl&bill=10&x=83&y=20](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us_manipulatives.pl&bill=10&x=83&y=20)
3. Counting by \$10 bills:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us.pl&ten=10&max\\_bill=4&language=0&memo=&answer=1&x=114&y=24](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us.pl&ten=10&max_bill=4&language=0&memo=&answer=1&x=114&y=24)
4. Dime manipulatives:  
[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_coins\\_us\\_manipulatives.pl&coin=10&x=74&y=18](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_coins_us_manipulatives.pl&coin=10&x=74&y=18)

Counting by \$.10 coins:

[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_coins\\_us.pl&dime=10&max\\_coin=7&language=0&memo=&answer=1&x=126&y=23](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_coins_us.pl&dime=10&max_coin=7&language=0&memo=&answer=1&x=126&y=23)

#### **Thursday's Resources:**

1. Counting by 20's Grid:

[https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank\\_pc=80&min=20&step=20&cols=5&rows=1&colorstep=0&thousandseparator=1&color=red&font=Arial&FontSize=14pt&table100wide=1&ptitle=&PDF\\_worksheet=PDF+worksheet](https://www.homeschoolmath.net/worksheets/table-number-chart.php?form=1&blank_pc=80&min=20&step=20&cols=5&rows=1&colorstep=0&thousandseparator=1&color=red&font=Arial&FontSize=14pt&table100wide=1&ptitle=&PDF_worksheet=PDF+worksheet)

2. \$20 manipulatives

[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us\\_manipulatives.pl&bill=20&x=151&y=27](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us_manipulatives.pl&bill=20&x=151&y=27)

3. Counting by \$20 bills:

[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us.pl&twenty=20&max\\_bill=4&language=0&memo=&answer=1&x=106&y=22](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us.pl&twenty=20&max_bill=4&language=0&memo=&answer=1&x=106&y=22)

4. Counting by \$20 bills worksheet #2

[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=money\\_bills\\_us.pl&twenty=20&max\\_bill=4&language=0&memo=&answer=1&x=100&y=27](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=money_bills_us.pl&twenty=20&max_bill=4&language=0&memo=&answer=1&x=100&y=27)

#### **Friday's Resources:**

1. Mixed dimes and nickels:

[https://www.math-aids.com/cgi/pdf\\_viewer.cgi?script\\_name=custom\\_money\\_coins\\_us.pl&penny1=0&nickel1=10&dime1=0&quarter1=0&half1=0&penny2=0&nickel2=0&dime2=6&quarter2=0&half2=0&penny3=0&nickel3=7&dime3=0&quarter3=0&half3=0&penny4=0&nickel4=4&dime4=0&quarter4=0&half4=0&penny5=0&nickel5=0&dime5=3&quarter5=0&half5=0&penny6=0&nickel6=0&dime6=10&quarter6=0&half6=0&penny7=0&nickel7=0&dime7=6&quarter7=0&half7=0&penny8=0&nickel8=5&dime8=0&quarter8=0&half8=0&penny9=0&nickel9=0&dime9=9&quarter9=0&half9=0&language=0&memo=&answer=1&x=71&y=24](https://www.math-aids.com/cgi/pdf_viewer.cgi?script_name=custom_money_coins_us.pl&penny1=0&nickel1=10&dime1=0&quarter1=0&half1=0&penny2=0&nickel2=0&dime2=6&quarter2=0&half2=0&penny3=0&nickel3=7&dime3=0&quarter3=0&half3=0&penny4=0&nickel4=4&dime4=0&quarter4=0&half4=0&penny5=0&nickel5=0&dime5=3&quarter5=0&half5=0&penny6=0&nickel6=0&dime6=10&quarter6=0&half6=0&penny7=0&nickel7=0&dime7=6&quarter7=0&half7=0&penny8=0&nickel8=5&dime8=0&quarter8=0&half8=0&penny9=0&nickel9=0&dime9=9&quarter9=0&half9=0&language=0&memo=&answer=1&x=71&y=24)

- Blank grid for students to practice filling in numbers by skip counting:

[https://www.math-aids.com/cgi/pdf\\_viewer\\_5.cgi?script\\_name=hundreds\\_basic.pl&nset=1&percent=-99&language=0&memo=&answer=1&x=123&y=14](https://www.math-aids.com/cgi/pdf_viewer_5.cgi?script_name=hundreds_basic.pl&nset=1&percent=-99&language=0&memo=&answer=1&x=123&y=14)