



High School Algebra Resources

AAD Algebra I : AAD.A1.F.IF.B.1 Determine or predict a missing quantity from a representation of a mathematical pattern.

Monday 13th	Tuesday 14th	Wednesday 15th	Thursday 16th	Friday 17th
<p>Today, students will be reviewing how to predict missing quantities.</p> <p>For this lesson, we will begin using shapes for the quantities. In the attached resources, students will review over given patterns and continue the pattern in the missing box provided.</p> <p>This skill works on student's prediction and memory skills. For students with deficits in fine motor skills, it is recommended that you print off two worksheets for the student to cut and paste the answers into the blank if they are unable to draw the image. It is also acceptable for students to verbally tell what comes next in the sequence.</p> <p>Along with provided resources, this skill can be made functional by utilizing items within your house to create a pattern, e.g., setting each place on the table the same and putting silverware away in the correct tray/drawer.</p>	<p>For this lesson, students will continue their review on identifying missing quantities. Today, students will have the opportunity to create their own sequences and patterns. Using the resource provided, students will create their own pattern and continue it.</p> <p>In the resources provided below, students will have the opportunity to create their own pattern using colors and can create their own patterns using shapes and colors.</p> <p>For a functional activity, students can use coins and bills to create patterns. This skill will provide students with the opportunity to practice identifying coins and bills while working on identifying and sequencing items. If you do not have coins or bills around the house, refer back to last week's resources and utilize the provided manipulatives.</p>	<p>This lesson will consist of students identifying missing quantities by filling in the correct number for the sequence using the resource provided below.</p> <p>For a functional activity, students can count money starting at varying amounts and continuing counting to the desired amount. For example, students will begin at \$6 and must continue to count to \$10. This skill works on identifying the next pattern, counting money, and teaches students how much change can be expected when shopping.</p>	<p>Today's review will have students work on a variety of skills from last week and this week. Students will work on skip counting and identifying missing quantities using resources provided.</p> <p>For a functional activity, students can continue practicing identifying coins that are in a sequence. For extra practice, students may create patterns using bills and coins to determine the amount.</p>	<p>For the last review of this unit, students will combine skills practiced from the previous week and this week to complete the resources provided.</p> <p>For Friday's activity, students will have the opportunity to create their own sequence of numbers by filling it into the blank grid. For example, on row one, students will create the pattern 1,2,3 in each box and complete it across the row. For the next row, students may start with 5 and complete the sequence from there. If students want a challenge, they can be creative in the patterns they make throughout the grid. Students are encouraged to skip count by 5's and 10's when working on their grid to practice last week's work.</p> <p>For students who want an extra challenge, there is an activity provided in the resources. For this activity, students must determine the missing coin to equal the correct amount that is provided.</p>

You cannot download and print worksheets using Safari web browser. Safari will mess up the format of the worksheets and make it difficult to complete.

Monday's Resources:

1. [Shapes Pattern Worksheet](#)

Tuesday's Resources:

1. [Create Your Own Pattern Color](#)
2. [Create Your Own Pattern Colors and Shapes](#)

Wednesday's Resources:

1. [Number Patterns Worksheet](#)

Thursday's Resources:

1. [Sequencing Missing Quantities- 5's](#)
2. [Sequencing Missing Quantities- 10's](#)
3. [Math Cafe Online Review Sequencing 5's and 10's](#)

Friday's Resources:

1. [Blank Grid](#)
2. [Challenge Activity](#)