

What Coins Do They Have?¹

Elementary Level: Mathematics

Overview	Students will be able to count money, and understand the value coins have when different ones are combined together. They will also get to integrate their work into a short video, using Animoto.
Objective	Following this activity, students will be able to: <ul style="list-style-type: none">• Identify the value of coins• Add the total value of different coins when grouping them together
Standards	Mathematics Standard 2.2.1-- Model addition of numbers less than 100 with objects and pictures.
Materials 	<ul style="list-style-type: none">• Paper and Pencil in order to complete math work• Punch-out coins for all the students so they can visually count their money• Access to computers and the internet in order to create Animoto videos
Procedure	<ol style="list-style-type: none">1. Before beginning this activity, students should have the following prior knowledge:<ol style="list-style-type: none">a. Know and understand how to add whole 2-digit numbers.b. The value that each coin has (penny, nickel, dime, and quarter), and what each one looks like.c. The value of one dollar, and what it looks like.2. Pass out punch-out coins with a few punch-out dollar bills to all of the students.3. The students must use their punch-out coins to try and come up with a combination of coins or dollar bills that is equal to each value of money that they choose4. When they find the right combination, they must right down how many pennies, nickels, dimes, quarters, or dollar bills they used in order to equal the value given.5. After the students come up with their value, separate them into groups of 3 or 4.6. Each group will be making an Animoto video to present to the class with each individuals value written along with a picture of

¹ <http://www.moneyinstructor.com/wsp/puzzlecoin.asp>

	<p>the combination of coins needed</p> <p>7. Depending on how well the children perform with computers, it may be necessary to ask a grade level ahead of theirs to help them produce the videos. The older level grade can benefit from this too because they will be learning more about how to use computers.</p>
Evaluation	Each student will hand in their paper with their math work on it to be graded. The accuracy of the videos will be graded as well.

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