



# ARTS + ACADEMIC EXTENSIONS

GRADES 1-2: MATH/VISUAL ART

## Coins Designers: Change Is Gonna Come

In this lesson, students will become coin designers in order to create manipulatives for tens and ones. Students will use those manipulatives on a place value chart!

**CONNECTED OBJECTIVE:** Students design coins representing 10s and 1s to further their understanding of bundling to make 10 and skip counting.

**MATERIALS NEEDED DURING EPISODE:** card stock, cardboard or paper, pencils or markers or crayons, scissors, bottle caps (optional)





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## Standards:

CCSS.MATH.CONTENT.1.NBT.B.2.A

10 can be thought of as a bundle of ten ones — called a "ten."

VA:Cr1.2.2: Make art or design with various materials and tools to explore personal interests, questions, and curiosity.

## ARTS EXTENSIONS:

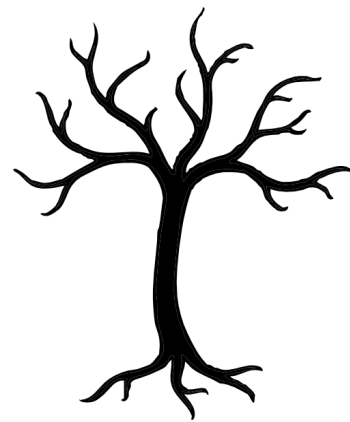
**Make Your Own Money:** Real money reflects the culture of the land from which it originates. It tells you what is important to the people of that country. U.S. currency features American landmarks, leaders, and spiritual symbols.

- What would your money say about you if you had a land of your own?
- Which heroes would you feature on the bills? Why?
- What landmarks best reflect who you are? Why?
- What color would your money be?

**Coin Rubbing Money Tree:** Draw your own tree with branches spread apart. Then have children explore the coin rubbing technique to add to the branches on the tree. Have students place the coin under a piece of white paper. Thinner paper (like computer paper) works best. Take a sharpened crayon or colored pencil and gently rub the colored tip over the coin until the coin design appears.

Bonus: You can also challenge your students to see how much their tree is worth.

**Make your own cash register out of a box.**





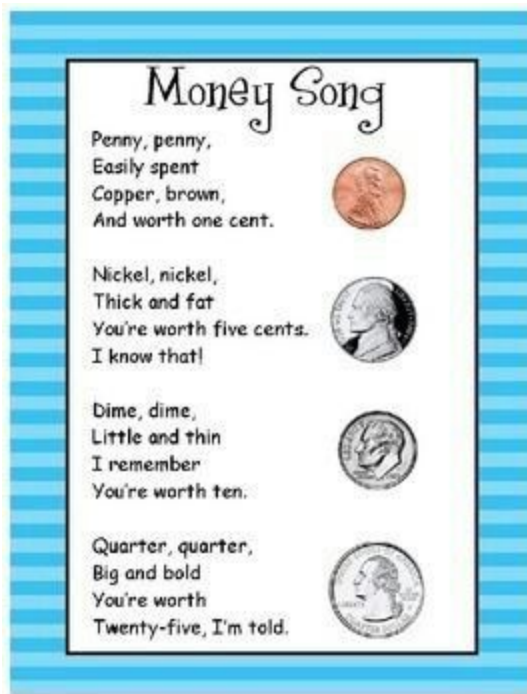
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## ACADEMIC EXTENSIONS:

**Marking 10:** Send students to find something in their home that makes noise. (an instrument, a pencil on a book, etc.) Count dots or shapes as a class. Every time you finish a multiple of 10, ask students to make noise. Circle each bundle of ten. And then count again using skip counting.

**Using your money:** Create word problems for students that they can solve using their homemade coins. Ask students to invent a word problem that can be solved using their math manipulatives.

**Write a song or poem about money:**



### HELPFUL LINKS:

Place Value: Ones and Tens | Math for Grade 2 | Kids Academy

[https://www.youtube.com/watch?v=\\_dHu5TFxPtk](https://www.youtube.com/watch?v=_dHu5TFxPtk)

Math Games: [www.mathgames.com](http://www.mathgames.com)

Splash Math: <https://www.splashlearn.com/math-games-for-1st-graders>

Embarc.Online: <https://embarc.online/>

ABCYa Math Games: <https://www.abcya.com/grades/1>

Education.com Math Games: <https://www.education.com/games/first-grade/math/?page=2>