

## Courtney's Collection

### PreK

**Materials:** A set of coins (pennies, nickels, dimes—several of each kind) in a container for each pair of students, paper and pencil, crayons, or markers

**Discussion on the rug: “What is a piggy bank?”** Teacher asks the students questions about where there might be a collection of coins. If a bank is not familiar, then maybe introduce a jar of coins. Teacher holds a collection of coins in a container. **“Suppose I pick three coins from my bank/jar. Name the coins I might pick.”** The teacher encourages the students to find answers for different selections of three coins.

**In small groups:** Each group has a set of coins in a container. Teacher asks the following questions. Go on to the next question when students have success.

1. **“Name the three coins you picked out of your bank/jar. How much money do you have in all? Show how you know.”**
2. **“Now name three more coins you can pick from your bank/jar. How much money do you have in all?”**

At the end of the investigation, have students either draw a picture or dictate to you to represent their solutions.

