Shopping Unit: Numeracy

# Numeracy Goals

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| Goal | Easy | So-So | Hard |
| I know the names & amounts of coins. |  |  |  |
| I can read prices. |  |  |  |
| I can read store hours. |  |  |  |

# Goal 1: Names & Amounts of coins

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| Levels of Knowing | Activity/Objective | Materials/Worksheets |
| **Intuitive** | SWBAT name and identify the value of coins | pennies, nickels, dimes, quarters |
| **Concrete** | SWBAT represent the value of a coin with an equivalent number of pennies | pennies, nickels, dimes, quarters |
| **Pictoral** | SWBAT represent the value of a coin by circling (or drawing) an equivalent number of pennies | how many pennies worksheets |
| **Abstract** | SWBAT represent the value of by writing the number of cents or placing them in the correct sorting tray | worksheet |
| **Application**  | SWBAT read the price of items and select the correct coin(s) | money matching puzzle, worksheet |
| **Communication** | SWBAT can ask/answer “how much is this?” | dialogue |

# Goal 2: Prices

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| Levels of Knowing | Activity/Objective | Materials/Worksheets |
| **Intuitive** | SWBAT read prices in a grocery ad/circular. | Prices from an ad: <http://www.kmart.com/shc/s/LocalAdHome?storeId=10151&catalogId=10104#catGrpId=20008&filterCat=||> |
| **Concrete** | SWBAT use a mat/graphic organizer to sort dollars vs. cents | Graphic organizer/mat, dollars, coins |
| **Pictoral** | SWBAT to draw a representation of the correct number of bills and coins for a given price in a graphic organizer | worksheet |
| **Abstract** | SWBAT to write the price/amount represented by a given number of bills and coins. |  |
| **Application**  | Students write the price of a given amount of money.  | <http://www.math-aids.com/Money/Counting_Bills_and_Coins_US.html> |
| **Communication** | SWBAT ask for/give the correct amount of money according to the price tag. | Grocery store experience |

# Goal 3: Store hours

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| Levels of Knowing | Activity/Objective | Materials/Worksheets |
| **Intuitive** | SWBAT to identify what time it is when the minute hand is on the twelve and the hour hand is on a given number 1-12. | clock |
| **Concrete** | SWBAT construct a number line using flashcards, and count how many hours are between two times (1:00-4:00 is 3 hours). | flashcards |
| **Pictoral** | SWBAT draw the number line representing how many hours pass between two clock pictures. | worksheet. |
| **Abstract** | SWBAT write how many hours have past between two written times | worksheet |
| **Application** | SWBAT read store hours signs to find the time the store opens and closes. | 81/82 style worksheets |
| **Communication** | SWBAT ask/answer if the store is open | dialogue |