Food Unit: Numeracy

# Numeracy Goals

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| Goal | Easy | So-So | Hard |
| I can count money. |  |  |  |
| I can read prices |  |  |  |
| I can measure cups, teaspoons, tablespoons.  |  |  |  |

# Goal 1: Counting Money

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| Levels of Knowing | Activity/Objective | Materials/Worksheets<http://www.squidoo.com/free-printable-money-worksheets> |
| **Intuitive** | Swbat identify pennies as cents/1 cent. | Pennies |
| **Concrete** | SWBAT names coins and how many pennies/cents they are worth.  | Pennies, real coins, play coins, classroom coins |
| **Pictoral** | SWBAT draw pictures of pennies to equal another coin. | <http://www.kidslearningstation.com/money/money-coins-worksheet.asp> coins worksheet |
| **Abstract** | SWBAT match pictures of coins to their equivalent number/written amount. ORSWBAT provide the written amount for a given picture of coins. | <http://www.math-aids.com/Money/Counting_Coins_US.html>They can also write the amount next to the picture on their pictoral worksheet.<http://www.kidslearningstation.com/money/coins-worksheet-matching.asp> |
| **Application**  | SWBAT read a price and show the correct amount of money.  | real & fake coins, prices, realia grocery store |
| **Communication** | SWBAT ask for/identify the correct coin/amount asked for.  | Dialogue sheet |

# Goal 2: Reading Prices

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| Levels of Knowing | Activity/Objective | Materials/Worksheets |
| **Intuitive** | SWBAT read numbers on the price tag. | Prices |
| **Concrete** | SWBAT to separate dollars and cents. | Graphic organizer, classroom money |
| **Pictoral** | SWBAT draw the number of dollars and cents represented. | worksheet |
| **Abstract** | SWBAT write the price for the given amount/picture of money. | <http://www.math-aids.com/Money/Counting_Bills_and_Coins_US.html> |
| **Application**  | SWBAT identify prices of items in a grocery store ad and write a list. | <http://weeklyads.aldi.us/aldi/default.aspx?action=entryflash&> |
| **Communication** | SWBAT ask/answer how much is this? | Dialogue sheet |

# Goal 3: Measuring

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| Levels of Knowing | Activity/Objective | Materials/Worksheets |
| **Intuitive** | SWBAT identify measuring tools. | Measuring cups, spoons, etc. |
| **Concrete** | SWBAT demonstrate how many ½ cups or ¼ cups fit into 1 cup. | Food coloring, water, glass 1 cup measuring cup, ½ cups and ¼ cups.  |
| **Pictoral** | SWBAT identify the correct measuring instrument. | Pictoral worksheet |
| **Abstract** | SWBAT to match a written amount to the picture of the measuring tool. | CASAS worksheet |
| **Application** | SWBAT to follow a recipe to produce a color. | Recipe, food coloring, colored water, measuring cups |
| **Communication** | SWBAT ask/answer how much do I need? | Dialogue sheet |