Thinking About Fractions, Decimals, and Percents Childcare Activities

*Session One: Introduction to Fractions, Decimals, and Percents*

 \*Tangram Pattern Sheet (Robot, Rabbit, etc.) BLM 3-9

 Copies of the tangram BLM 3-9 handout sheets

 Tangram pieces

 \*Fraction Activities with Color Tiles – BLM 13

 Copies of the BLM 13 handout sheet

 Color tiles

 Capture Fractions

 Deck of Fraction Cards

*Session Two: Developing Fraction Concepts I*

\*Color Tile Mysteries BLM 12

 Copies of the BLM 12 handout sheet

 Color Tiles

Close to 100

 Number cards (see directions)

Fraction Tiles BLM 13

 Copies of the BLM 13 handout sheet

 Color tiles

*Session Three: Developing Fractions Concepts II*

 \*Sharing Cookies BLM 16

 Roll Around the Clock

 Fraction cards or dice (see directions)

 Fraction Track Game

 Fraction Cards

 Several copies of the Fraction Track Game board

 20 multi-colored chips or other small objects

*Session Four: Developing Fractions Concepts III*

 Fraction Fish

 Deck of fraction cards

 In-Between Game

 Fraction cards - Diamond cards only

Completed percent equivalents strip (for reference only)

 Smaller to Larger

 Decimal cards – sets A and B

 (For 3 or 4 players, mix two complete decks together

*Session Five: Developing Decimal Concepts*

Fill Two

 One deck of decimal cards, Set A

 Grids: 1 sheet per player

 Crayons (two or more for each player)

 Decimal Problems I BLM 30

 Copies of the BLM 30 hand out sheets

 Pencils

 Hershey Bar Challenge

*Session Six: Connecting Fractions to Decimals*

 Smaller to Larger

 Decimal cards set A and B

 Decimal Problems II BLM 37

 Copies of the BLM 37 handout sheet

 Pencils

Fraction Books

*Session Seven: Developing Percent Concepts*

 Fraction Fish

 Deck of fraction cards

 Shape Halves

 Percent Problems BLM 46

 Copies of the BLM 46 hand out sheet

 Pencils

 Color tiles, grid, or picture

*Session Eight: Connecting Fractions, Decimals, and Percents*

 Percent Estimation BLM 37

 Copies of the BLM 37 handout sheet

 Pencils

 Cuisenaire® Rod Puzzles BLM 49

 Copies of the BLM 49 handout sheet

 Cuisenaire® Rod Puzzles

 Pencils

 Percent and Color Tiles BLM 41

 Facilitator: copy of the BLM 41 handout sheet

 Color tiles

*Alternative Childcare Activities-Items already on the website that are not listed above should be listed below.*