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.*