Thinking about Numbers Family Activities

**[Activities in *Family Math* book except where specified with an** \* **then refer to Mini-Course textbook]**

*Session One: Addition with Whole Numbers*

Target Addition pg. 32

Make Copy of the provided game board on page

Counters

Find the Digits pg. 127

Several sets of number squares from 0-9

How Close Can You Get? pg. 114

Deck of cards

Paper and pencil

*Session Two: Multiplication of Whole Numbers*

One-Hundred Cards pg. 44

100 3”x5” cards (or notecards) numbered from 1-100

Papers

Pencils

List of answers (provided in book)

Multiplication Designs pg. 217

Printout of the multiplication table on page 218

Crayons or markers

\*Connecting Multiplication Models BLM 10

Copy of BLM 10 handout

Pencils

*Session Three: Division of Whole Numbers*

One Hundred Cards pg. 44

Use previous materials (instead of multiplication, use division)

Find the Digits pg. 127

Several sets of number squares from 0-9

Create division problems on separate sheet of paper or on a white board

 \*Division with Whole Numbers BLM 20

 Make copies of the BLM 20 handout sheet

 Pencils

*Session Four: Divisor (Factors) and Multiples*

 \*Principals of Divisors and Multiples BLM 24

 Make copies of the BLM 24 handout sheet

 Pencils

 \*The Factor Game BLM 26

 Make copies of the BLM 26 handout sheet

 Pencils

 \*Clapping Game BLM 25

 For facilitator: a copy of the BLM 25 handout sheet

*Session Five: Primes and Composites*

Number Line Rectangles pg. 115

Paper or tile squares

Graph paper

Scissors

Paste or tape

Construction paper or butcher paper

 \*The Mystery of Numbers BLM 31

 For facilitator: A copy of the BLM 31 handout sheet

A 1-50 chart

Pencils

 \*Sieve of Eratosthenes

 Copies of the Sieve of Eratosthenes handout BLM 28.1

 Pencils

*Session Six: Exponential Notation*

 \*Applications of Growth BLM 34

 Copies of the BLM 34 handout

 Pencils

 \*The Sky is the Limit Game BLM 36.2

 For facilitator: a copy of the BLM 36.2 handout

 Set of nine index cards

 Number cubes or cards labeled 1 to 6

 \*Powers of Ten BLM 38.1

 Copies of the BLM 38.1 handout

 Pencils

*Session Seven: Estimating and Writing Large Numbers*

Everyday Estimation pg. 227

Timer or watch with second hand

Paper and pencil

Quick Questions pg. 229-232

5x8 cards

Tape

Answer Sheet for each person

\*Large Number Activity BLM 42.1

 For facilitator: copy of the BLM 42.1 Handout sheet

 Paper

 Pencils

*Session Eight: Fun with Numbers*

 Double Digit pg. 111

 Pencil

 Paper for score sheets

 Dice

 \*Number Trick Activity BLM 46

 Copy of the BLM 46 handout sheet

 Paper

 Pen

 Was there a particularly fun activity that the kids especially enjoyed? Bring it back!