

MATH-FISHING

Goals:

- work cooperatively to achieve common goal
- reinforce number words recognition
- reinforce adding and subtracting through twelve
- review graphing skills

Materials:

- 13 mini-loaf tins labeled zero through twelve (number words)
- 13 fish cutouts (approximately 4"x4" each) with number words zero through six on one side and fish faces on the other with paper clip attached (lamine for durability)
- scrap paper, pencil
- 12 small Ziploc bags
- math manipulatives
- graph
- long, thin wooden dowel with string and magnet attached (fishing pole)

Activity:

Children rotate among 4 roles: (assembly line formation)

1. "fisher"- fishes for 2 fish and passes to...
2. "recorder"- writes number sentence using the numbers given, i.e. $4+2$. Recorder flips a coin to determine math function, heads=addition, tails=subtraction and passes to...
3. "counter"- uses manipulatives to figure out sum or difference and writes answer on slip of paper with math sentence inserting it into baggy with correct number of manipulatives and passes to...
4. "runner"- takes baggy and drops it into corresponding tin.

The "fisher" becomes the "recorder," and the jobs rotate accordingly.

After all bags have been used, children count how many bags are in each tin and record their results on a bar graph.