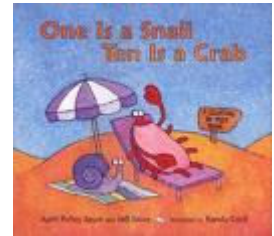


Book Title: One is a Snail, Ten is a Crab

by April Pulley Sayre

Grade Levels: K-3



Learning Outcomes:

Kindergarten

- A2 Recognize at a glance and name familiar arrangements of 1 to 5 objects or dots.
- A3 Relate a numeral, 1 to 10, to its respective quantity
- A4 Represent and describe numbers 2 to 10, concretely and pictorially.

Grade 1

- A1 Say the number sequence, 0 to 100
- A2 Recognize at a glance, and name familiar arrangements of 1 to 10 objects or dots.
- A4 Represent and describe numbers to 20 concretely, pictorially and symbolically.

Grade 2

- A1 Say the number sequence, 0 to 100
- A4 Represent and describe numbers to 100 concretely, pictorially and symbolically.

Grade 3

- A4 Represent and describe numbers to 1000 concretely, pictorially and symbolically.

Materials:

- Counters as needed
- Book: One is a Snail, Ten is a Crab by April Sayre
- 'Feet' cards
- Worksheets

Lesson Ideas:

1. Warm-up students with a game – guess my number, for younger children could distribute unifix blocks and could build their guesses as clues are given.
2. With the children, discuss the cover of the book and explain to the children that they need to watch and listen the meaning behind the title. Make predictions. Look at details.
3. Read the story – as the pattern is revealed, have the children predict what might be on the next page and record each prediction as an equation, and use the terms addend, sum, equation. Vary the position of the sum in the equation.
4. At 20 (10 for younger children) – have the children predict possible ways it is possible to get a sum of the 11 for the missing 11 page.
5. Demonstrate the work sheet and the need to include picture words and a math equation for each situation.
6. On the back side of the sheet, have children select a sum that is a 'just right' challenge for them to create words, pictures and equations for in different ways.
7. As the children demonstrate understanding of the task, give them challenges to set the number of addends.
8. Debrief with a recap of the strategies demonstrated and shared in the class.

Extensions:

- Make their own One is a Snail books – accordion fold a narrow strip of paper