

Library Shelf Hunt

2nd Grade Math Project · Books & Reading

Grade 2 · Advanced

Name: _____ Date: _____ Class: _____

The Challenge

The school librarian needs help! Every book has a number, and the shelves are out of order.

You will make: Shelf Map

I can…

- I can count and skip count within 1,000.
- I can compare three-digit numbers with >, =, and <.
- I can find 10 or 100 more or less than a number.

Materials

- Pencil
- Number chart
- Sticky notes

Steps

1. Part 1: Counting Along the Shelf
2. Part 2: Skip Counting Carts
3. Part 3: Comparing Book Numbers
4. Part 4: Moving Along
5. Part 5: Shelf Puzzle
6. Check your work and share your shelf map.

Part 1: Counting Along the Shelf

The books are in order starting at 895.

1. Write the next five book numbers.

2. Count by 10s from 889. Write the next four numbers.

Part 2: Skip Counting Carts

A cart holds 5 books, and a box holds 100 books.

3. Count by 5s: how many books on 7 carts?

4. Count by 100s from 350: write four numbers.

Part 3: Comparing Book Numbers

Compare with >, =, or <.

5. 509 ___ 590

6. Put in order from least to greatest: 590, 509, 409

Part 4: Moving Along

Start at book 805.

7. What is 10 more?

8. What is 100 less?

9. What is 10 less?

Part 5: Shelf Puzzle

Explain your thinking.

10. Ted says 389 > 401 because 8 and 9 are big digits. Is he right?

11. What is the greatest digit that makes 6□4 < 654 true?

Extension Challenge

Start at 995. Count on by ones to 1,000. What numbers do you say?

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can count and skip count within 1,000.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can compare three-digit numbers with >, =, and <.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can find 10 or 100 more or less than a number.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My shelf map is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete