Bead Shop Bundles

2nd Grade Math Project · Crafts & Art

Grade 2 · Standard

Name: _____ Date: _____ Class: _____

The Challenge

Welcome to the bead shop! Beads come one at a time, in bags of ten, and in boxes of one hundred. Fill the orders!

You will make: Bead Order Cards

I can…

- I can explain that 100 is ten tens.
- I can tell how many hundreds, tens, and ones are in a number.
- I can write numbers with digits, words, and expanded form.

Materials

- Pencil
- Base-ten blocks
- Index cards

Steps

1. Part 1: Bags and Boxes
2. Part 2: Packing Orders
3. Part 3: Writing Orders
4. Part 4: Order Cards
5. Check your work and share your bead order cards.

Part 1: Bags and Boxes

A bag holds 10 beads. A box holds 10 bags.

1. How many beads are in one box?

2. How many bags make 500 beads?

Part 2: Packing Orders

Pack each order with boxes, bags, and single beads.

Order	Boxes (100)	Bags (10)	Single beads (1)
406			
382			

3. Order: 406 beads. How many boxes, bags, and single beads?

4. Order: 382 beads. How many boxes, bags, and single beads?

Part 3: Writing Orders

Write each order three ways.

5. Write 406 in expanded form.

6. Write 382 in expanded form.

Part 4: Order Cards

Make an order card for a number of beads you choose from 100 to 999.

7. Write the number in digits, in words, and in expanded form, and draw the boxes, bags and beads.

Extension Challenge

An order is 9 boxes, 9 bags and 9 beads. One more bead is added. What is the new number?

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can explain that 100 is ten tens.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can tell how many hundreds, tens, and ones are in a number.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can write numbers with digits, words, and expanded form.	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 bead order cards is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete