## Tracking I nventory

## Grade Band: 3-5

Lesson Length: Approximately 2 days

## NCTM Standard and Expectation

Algebra

1. Use mathematical models to represent and understand quantitative relationships.
Data Analysis and Probability
2. Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.

## Learning Objectives

1. The student will understand and explain inventory and the importance of inventory tracking.
2. The student will calculate ending inventory for school store items using beginning inventory, sales, and order information.
3. The student will determine which items need to be re-ordered based on the store's inventory goals and policy.

## Connection to Bloom's Taxonomy

$\checkmark$ Comprehension
$\checkmark$ Application
$\checkmark$ Analysis
$\checkmark$ Synthesis

## RG's Literary Connection



A Fair Bear Share by Stuart J. Murphy is a delightful story about bears and is part of the MathStart book series for children. The story is fun for students and contains a complete math lesson that deals with counting, grouping, regrouping, and adding. The book also has an appendix with additional learning suggestions and activities that involve counting and grouping of items.

## Word Origin by Hannie



Inventory is from the 1415 Middle French word inventaire meaning "detailed lists of goods," which is from the Medieval Latin word inventorium, meaning 'list of what is found," which is from the Latin word inventus meaning "to find." The word origin meanings all fit well with the current day use for the word which refers to itemized reports, records, and list that show quantity for various items.

## Vocabulary Words



1. Inventory - a list of goods or materials in stock and available to be sold
2. Customer - someone who pays for goods and/or services

## Learning Model Component

$\checkmark$ Making Connections
$\checkmark$ Exploring and Learning
$\checkmark$ Extended Learning and Practice
$\checkmark$ Assessment
$\checkmark$ Closure

## Teaching Strategies

$\checkmark$ Brainstorming
$\checkmark$ Guided Practice
$\checkmark$ Paired Learning

Materials List
$\checkmark$ Calculator
$\checkmark$ Pencils
$\checkmark$ Classroom Inventory
$\checkmark$ School Store Sales
$\checkmark$ School Store Sales - Key
$\checkmark$ School Store Beginning Inventory
$\checkmark$ School Store Orders
$\checkmark$ School Store Ending Inventory Record: Friday Afternoon
$\checkmark$ School Store Ending Inventory Record: Friday Afternoon - Key
$\checkmark$ School Store Ending Inventory Record: Tuesday Afternoon
$\checkmark$ School Store Ending Inventory Record:Tuesday Afternoon - Key
$\checkmark$ Assessment of Student Progress
$\checkmark$ Index Cards
$\checkmark$ Crayons or colored pencils

## Tracking I nventory

## Making Connections

Ask students to define the word inventory. As a class, brainstorm some possible definitions for the word. Before you give the students the definition, discuss Hannie' s Word Origin and have the students make up their own working definition.

Next, ask if anyone has ever visited a store that was in the middle or about to start taking an inventory? Explain that stores often bring in extra employees to help count every item in the store. Sometimes you may see tags with numbers indicating store stock numbers and maybe even the number count for different items. Inventory is a list of goods, materials, or items that a store has in stock. In a store setting, this is a list of items that a shop has available to be sold.

It is important for store owners to know their inventory. As a class, brainstorm several reasons why tracking inventory is important. Some responses may include the following:

- To have the right items available when customers want them
- To track when items numbers are becoming low and need to be reordered
- To reduce expenses associated with holding onto items that do not sell and are not popular
- To understand what items people want or need and what items people are not interested in purchasing
- To plan for future purchases when stocking shelves
- To determine what items should be marked down in price for quicker sale and to free up shelf space for items in demand
- To have a good reputation as a store that always has items in stock

Explain to students that inventory can be tracked for many different items not just store items. Pair students together and ask them to conduct an inventory of the items in the classroom. Use Classroom Inventory as a transparency or worksheet to help guide students. Ask the students why it is important for a teacher to know the inventory of items in his or her classroom. Discuss that tracking classroom items may help the teacher determine if supplies are getting too low or if there are enough supplies for every student.

## Exploring and Learning

1. At Home Assignment: Tracking inventory occurs all around us. Prior to starting this lesson in class, ask students to interview several family members about what types of items they keep track of at home. Students should explore what type of inventory tracking takes place within a home. They should also find out what family members track on a weekly, monthly, or even annual basis? Have student's record answers and be prepared to share those responses the next day.
2. As a class, have students share responses from the "At Home Assignment". Responses will vary and may include the following:

- food in the refrigerator - cartons of milk, eggs, yogurts (shopping list for groceries)
- paper goods - napkins, paper plates, paper cups, plastic spoons, toilet paper
- dry goods - cereal, granola bars
- clothing - socks, underwear, t-shirts
- baby supplies - diapers, baby formula, wipes
- cleaning products - soap, glass cleaner sponges
- personal care products - cotton swabs, dental floss, toothpaste
- first aid supplies - bandages, pain relievers, cold packs
- gardening supplies - grass seed, fertilizer
- collections - CDs, baseball cards, coins, DVDs, computer games
- arts \& crafts supplies - paper, crayons, markers, glue, scissors
- office supplies - printer cartridges, pens, pencils, envelopes, stamps

3. Tracking inventory can be easy or quite complex. At home, family members generally keep track of items used and that need to be replaced by counting or estimating. For example, your may notice that there is only one roll of paper towels left on the shelf. If you are planning several cleaning projects all the house windows and storm doors, the mirrors, the patio furniture, and the car, you will need to estimate how many additional rolls to purchase. You may choose to buy three rolls, which means you would have a total of four rolls. If you use two rolls on the cleaning project, there will still be two rolls on the shelf for additional use.
4. Explain to students that tracking inventory is an important part of operating a school store. Using the class computer, visit the Raymond Geddes website at http://www.raymondgeddes.com/. If a computer is not available use a Raymond Geddes catalog or any office supply store catalog or sales brochure.

As a class, browse through the website or catalog. Ask students to identify some general categories of products the company offers to school stores? Examples from the Raymond Geddes School store items may include the following:

- Geddes Exclusives (Planet Happy, Dr. Seuss, etc.)
- Writing Supplies (pens, pencils, mechanical pencils, and leads)
- School Supplies (bookmarks, calculators, erasers, pencil grips, sharpeners, stretch book covers, etc.)
- Art Supplies (colored pencils, crayons, markers, scissors, glue, etc.)
- Paper Supplies (folders, memo pads, paper \& notebooks, project boards)
- Toys and Gifts (candy, cell phone accessories, key chains, toys \& games, wearables)
- Holiday Supplies (Halloween, Christmas, Winter, etc.)
- Carded Supplies (supplies packaged with cardboard to fill card racks or pegboards)
- Clearance Deals, Weekly Specials, New School Supplies, Party Favors, etc.

5. Discuss the fact that even though a school store may seem like a small enterprise compared to a large department store, the level of inventory can be detailed. Review the following information with students:

- Items may be small and numerous and keeping track of those items is still as important as tracking the large items.
- Part of running a school store is maintaining inventory control. Inventory control includes purchasing items, caring for or storing the items, and selling the items.
- The goal of good inventory control is to ensure that there is an appropriate supply of items at all times - not too much and not too little.
- Ending inventory is determined by subtracting sales (reduces inventory) and adding orders (increases inventory).

6. Present students with the following scenario:


RG and Hannie are working at the Raymond Geddes Elementary School Store. Sniffer has asked them to track inventory for the week. Can you help RG and Hannie determine the ending inventory amounts for the school store?
7. To help complete the scenario, pair students together and provide each group with the following:

- Calculator and pencils
- School Store Sales
- School Store Beginning Inventory
- School Store Orders
- School Store Ending Inventory Record: Friday Afternoon

8. The next activity can be completed together as a class by using guided practice to complete each step of the process. You may choose to do half the worksheet as class and the other half independently. Explain and guide students through the following instructions:
> On the School Store Sales total the weekly sales for each item listed.
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Item 1- Retro Pencils 1+4+6+5+4=20
Item 2-Pet Silhouettes Pencils 2+3+0+5+3=13
Item 3-Astral Wonders Pencils 5+3+2+1+3=14
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> Use the numbers from School Store Beginning Inventory to fill in Column A on the School Store Ending Inventory Record: Friday Afternoon.

## Beginning I nventory on Monday <br> Retro Pencils = 20

Pet Silhouettes Pencils = 20
Astral Wonders Pencils = $\mathbf{3 5}$

If your class has access to a school store, have students list and count actual items in your store on a given day.
> Next, complete Column B on the School Store Ending Inventory Record: Friday Afternoon by filling in with the numbers you totaled in step 1 on the School Store Sales worksheet.

## Column B = Total sales for the week

Retro Pencils = 20
Pet Silhouettes Pencils = 13
Astral Wonders Pencils = 14
> Complete Column C on the School Store Ending Inventory Record: Friday Afternoon by filling in the number from the School Store Orders column titles Total Items. Explain that the total items number is the number of items originally order from Raymond Geddes.

## Column C = School Store Orders

Retro Pencils = 72
Pet Silhouettes Pencils = 72
Astral Wonders Pencils = 72
> Calculate the ending inventory totals for each item listed on the School Store Ending Inventory Record: Friday Afternoon. Subtract total sales from the beginning inventory and then add any school store orders that arrived during the week.

Retro Pencils
20-20 = 0 + 72 = 72
Pet Silhouettes Pencils
Astral Wonders Pencils

20-13 = $7+72=79$
$35-14=21+72=93$
9. Answer the following questions using your completed School Store Ending Inventory Record: Friday Afternoon:

- Which item sold the most this week? (Mini Fish Erasers)
- Which item sold the least this week? (Twister Pens)
- The school store has set an inventory policy to have a quantity of at least 25 for each item in stock. Using the Friday afternoon ending inventory figures, which items will Sniffer need to re-order? (Criss Cross Critters, Traction Mechanical Pencils, . 7 mm Value Lead, Study Buddy Inferno, 6-Color Pens, and Twister Pens)

10. Review the School Store Ending Inventory Record: Friday Afternoon as a class. Use the School Store Sales - Key and School Store Ending Inventory Record: Friday Afternoon - Key for answers.

## Extended Learning and Practice

1. Challenge: Sniffer would like an ending inventory report for Tuesday. Complete an ending inventory record which shows beginning inventory, sales through Tuesday, orders received on Tuesday (pencils and erasers only), and ending inventory. Include all information and calculations on the School Store Ending Inventory Record: Tuesday afternoon. Use the School Store Ending Inventory Record: Tuesday Afternoon - Key for answers.
2. Have students read the book Dan's Pants: The Adventures of Dan, the Fabric Man by Merle Good in order to better understand the concept of "Supply and Demand". This is an excellent example of customers buying a product that is becoming increasingly popular and causes the demand to go up. Visit http://www.kidseconbooks.com/html/dan_s_pants.html for a lesson summary and comprehension questions that go along with this particular literature connection.

## Assessment

The lesson objectives can be assessed by evaluating the School Store Sales and School Store Ending Inventory Record: Friday Afternoon with School Store Sales - Key and School Store Ending Inventory Record: Friday Afternoon - Key.

Use the Assessment of Student Progress to assess students' overall abilities to meet the lesson's learning objectives, which include understanding and explaining inventory and the importance of inventory tracking; calculating ending inventory for school store items using beginning inventory, sales, and order information; and determining which items need to be re-ordered based on the store's inventory goals and policy.

## Closure

Provide each student with an index card and have them answer the following questions on one side of the index card:

1. Describe two new things that you have learned.
2. What else would you like to learn about this topic?

On the back side of the index card, instruct the students to draw a picture of something they learned about during this lesson. The index cards can be hole punched and held together with a simple shower curtain ring.

Tracking I nventory Classroom I nventory

| Item |  |
| :--- | :--- |
| Desks |  |
| Chairs |  |
| Hard cover books |  |
| Soft cover books |  |
| Computers |  |
| Waste paper baskets |  |
| Pencil sharpeners |  |
| Maps |  |
| Board Erasers |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Tracking <br> I nventory <br> School Store Sales

|  | Item Name | $\begin{gathered} \text { RG } \\ \text { Item } \\ \# \end{gathered}$ | Mon. Sales | Tues. Sales | Wed. Sales | Thurs. Sales | Fri. Sales | Total Sales |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Retro Pencils | 67176 | 1 | 4 | 6 | 5 | 4 |  |
| 2 | Pet Silhouettes Pencils | 67175 | 2 | 3 | 0 | 5 | 3 |  |
| 3 | Astral Wonders Pencils | 67124 | 5 | 3 | 2 | 1 | 3 |  |
| 4 | Munchin Mike Sharpener | 67183 | 5 | 10 | 4 | 8 | 6 |  |
| 5 | Piranha Sharpener | 67037 | 10 | 5 | 6 | 4 | 5 |  |
| 6 | Mouse Sharpener | 65627 | 4 | 3 | 4 | 3 | 0 |  |
| 7 | Erasing Grip | 67137 | 5 | 4 | 3 | 7 | 10 |  |
| 8 | Criss Cross Critters | 67036 | 2 | 5 | 1 | 0 | 3 |  |
| 9 | Happy Cap Erasers | 64259 | 25 | 10 | 5 | 7 | 16 |  |
| 10 | Dessert Erasers | 66993 | 10 | 11 | 10 | 8 | 5 |  |
| 11 | Twister Erasers | 67027 | 10 | 15 | 25 | 5 | 18 |  |
| 12 | Mini Fish Erasers | 67099 | 15 | 20 | 15 | 15 | 15 |  |
| 13 | G Mechanical Pencils | 67039 | 12 | 4 | 0 | 10 | 3 |  |
| 14 | Traction Mechanical Pencils | 67013 | 5 | 5 | 5 | 5 | 5 |  |
| 15 | Funky Tube Mechanical Pencils | 65229 | 4 | 10 | 0 | 0 | 0 |  |
| 16 | . 7 mm Value Lead | 61152 | 1 | 0 | 4 | 8 | 3 |  |
| 17 | Study Buddy Inferno | 66967 | 4 | 6 | 7 | 10 | 3 |  |
| 18 | 6-Color Pens | 66685 | 4 | 6 | 7 | 0 | 12 |  |
| 19 | Bracelet Pens | 65581 | 6 | 15 | 4 | 0 | 0 |  |
| 20 | Twister Pens | 66921 | 0 | 6 | 0 | 3 | 0 |  |


|  | Item Name | RG <br> Item <br> \# | Mon. <br> Sales | Tues. Sales | Wed. Sales | Thurs. Sales | Fri. Sales | Total Sales |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Retro Pencils | 67176 | 1 | 4 | 6 | 5 | 4 | 20 |
| 2 | Pet Silhouettes Pencils | 67175 | 2 | 3 | 0 | 5 | 3 | 13 |
| 3 | Astral Wonders Pencils | 67124 | 5 | 3 | 2 | 1 | 3 | 14 |
| 4 | Munchin Mike Sharpener | 67183 | 5 | 10 | 4 | 8 | 6 | 33 |
| 5 | Piranha Sharpener | 67037 | 10 | 5 | 6 | 4 | 5 | 30 |
| 6 | Mouse Sharpener | 65627 | 4 | 3 | 4 | 3 | 0 | 14 |
| 7 | Erasing Grip | 67137 | 5 | 4 | 3 | 7 | 10 | 29 |
| 8 | Criss Cross Critters | 67036 | 2 | 5 | 1 | 0 | 3 | 11 |
| 9 | Happy Cap Erasers | 64259 | 25 | 10 | 5 | 7 | 16 | 63 |
| 10 | Dessert Erasers | 66993 | 10 | 11 | 10 | 8 | 5 | 44 |
| 11 | Twister Erasers | 67027 | 10 | 15 | 25 | 5 | 18 | 73 |
| 12 | Mini Fish Erasers | 67099 | 15 | 20 | 15 | 15 | 15 | 80 |
| 13 | G Mechanical Pencils | 67039 | 12 | 4 | 0 | 10 | 3 | 29 |
| 14 | Traction Mechanical Pencils | 67013 | 5 | 5 | 5 | 5 | 5 | 25 |
| 15 | Funky Tube Mechanical Pencils | 65229 | 4 | 10 | 0 | 0 | 0 | 14 |
| 16 | . 7 mm Value Lead | 61152 | 1 | 0 | 4 | 8 | 3 | 16 |
| 17 | Study Buddy Inferno | 66967 | 4 | 6 | 7 | 10 | 3 | 30 |
| 18 | 6-Color Pens | 66685 | 4 | 6 | 7 | 0 | 12 | 29 |
| 19 | Bracelet Pens | 65581 | 6 | 15 | 4 | 0 | 0 | 25 |
| 20 | Twister Pens | 66921 | 0 | 6 | 0 | 3 | 0 | 9 |

Tracking I nventory<br>School Store<br>Beginning I nventory<br>Monday Morning

|  | Item <br> Name | RG <br> Item \# | Beginning <br> Inventory |
| :---: | :--- | :---: | :---: |
| 1 | Retro Pencils | 67176 | 20 |
| 2 | Pet Silhouettes Pencils | 67175 | 20 |
| 3 | Astral Wonders Pencils | 67124 | 35 |
| 4 | Munchin Mike Sharpener | 67183 | 50 |
| 5 | Piranha Sharpener | 67037 | 45 |
| 6 | Mouse Sharpener | 65627 | 28 |
| 7 | Erasing Grip | 67137 | 55 |
| 8 | Criss Cross Critters | 67036 | 15 |
| 9 | Happy Cap Erasers | 64259 | 75 |
| 10 | Dessert Erasers | 66993 | 80 |
| 11 | Twister Erasers | 67027 | 100 |
| 12 | Mini Fish Erasers | 67099 | 110 |
| 13 | G Mechanical Pencils | 67039 | 46 |
| 14 | Traction Mechanical Pencils | 67013 | 25 |
| 15 | Funky Tube Mechanical Pencils | 65229 | 25 |
| 16 | .7mm Value Lead | 61152 | 30 |
| 17 | Study Buddy Inferno | 66967 | 37 |
| 18 | 6-Color Pens | 66685 | 38 |
| 19 | Bracelet Pens | 65581 | 25 |
| 20 | Twister Pens | 66921 | 19 |

## Tracking I nventory School Store Orders

|  | Item <br> Name | RG <br> Item \# | Per <br> Package | Qty <br> Ordered | Total <br> Items | Day <br> Received |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| 1 | Retro Pencils | 67176 | 72 | 1 | 72 | Tuesday |
| 2 | Pet Silhouettes Pencils | 67175 | 72 | 1 | 72 | Tuesday |
| 3 | Astral Wonders Pencils | 67124 | 72 | 1 | 72 | Tuesday |
| 4 | Munchin Mike <br> Sharpener | 67183 | 24 | 2 | 48 | Thursday |
| 5 | Piranha Sharpener | 67037 | 24 | 4 | 96 | Thursday |
| 6 | Mouse Sharpener | 65627 | 24 | 2 | 48 | Thursday |
| 7 | Erasing Grip | 67137 | 36 | 1 | 36 | Thursday |
| 8 | Criss Cross Critters | 67036 | 0 | 0 | 0 |  |
| 9 | Happy Cap Erasers | 64259 | 100 | 1 | 100 | Tuesday |
| 10 | Dessert Erasers | 66993 | 0 | 0 | 0 |  |
| 11 | Twister Erasers | 67027 | 12 | 3 | 36 | Tuesday |
| 12 | Mini Fish Erasers | 67099 | 12 | 4 | 48 | Tuesday |
| 13 | G Mechanical Pencils | 67039 | 12 | 1 | 12 | Tuesday |
| 14 | Traction Mechanical <br> Pencils | 67013 | 12 | 1 | 12 | Tuesday |
| 15 | Funky Tube <br> Mechanical Pencils | 65229 | 24 | 1 | 24 | Tuesday |
| 16 | .7mm Value Lead | 61152 | 0 | 0 | 0 |  |
| 17 | Study Buddy Inferno | 66967 | 0 | 0 | 0 |  |
| 18 | 6-Color Pens | 66685 | 12 | 1 | 12 | Thursday |
| 19 | Bracelet Pens | 65581 | 24 | 2 | 48 | Thursday |
| 20 | Twister Pens | 66921 | 0 | 0 | 0 |  |



## Tracking I nventory School Store Ending I nventory Record Friday Afternoon

$\left.$|  |  | Item <br> Name | RG <br> Item <br> \# | Beginning <br> Inventory <br> (Monday <br> Morning) | Total <br> Sales <br> (-) | Cchool <br> Store <br> Orders <br> $(+)$ |
| :---: | :--- | :---: | :--- | :---: | :---: | :---: | | Ending |
| :---: |
| Inventory | \right\rvert\,

Questions:

1. Which item sold the most this week? $\qquad$
2. Which item sold the least this week? $\qquad$
3. The school store has set an inventory policy to have a quantity of at least 25 of each item in stock. Using the Friday afternoon ending inventory figures, which items will Sniffer need to re-order?

Tracking I nventory School Store Ending I nventory Key Friday Afternoon

|  |  |  | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Item Name | $\begin{gathered} \text { RG } \\ \text { Item } \\ \text { \# } \end{gathered}$ | Beginning Inventory (Monday Morning) | Total Sales (-) | School Store Orders $(+)$ | Ending I nventory |
| 1 | Retro Pencils | 67176 | 20 | 20 | 72 | 72 |
| 2 | Pet Silhouettes Pencils | 67175 | 20 | 13 | 72 | 79 |
| 3 | Astral Wonders Pencils | 67124 | 35 | 14 | 72 | 93 |
| 4 | Munchin Mike Sharpener | 67183 | 50 | 33 | 48 | 65 |
| 5 | Piranha Sharpener | 67037 | 45 | 30 | 96 | 111 |
| 6 | Mouse Sharpener | 65627 | 28 | 14 | 48 | 62 |
| 7 | Erasing Grip | 67137 | 55 | 29 | 36 | 62 |
| 8 | Criss Cross Critters | 67036 | 15 | 11 | 0 | 4 |
| 9 | Happy Cap Erasers | 64259 | 75 | 63 | 100 | 112 |
| 10 | Dessert Erasers | 66993 | 80 | 44 | 0 | 36 |
| 11 | Twister Erasers | 67027 | 100 | 73 | 36 | 63 |
| 12 | Mini Fish Erasers | 67099 | 110 | 80 | 48 | 78 |
| 13 | G Mechanical Pencils | 67039 | 46 | 29 | 12 | 29 |
| 14 | Traction Mechanical Pencils | 67013 | 25 | 25 | 12 | 12 |
| 15 | Funky Tube Mechanical Pencils | 65229 | 25 | 14 | 24 | 35 |
| 16 | . 7 mm Value Lead | 61152 | 30 | 16 | 0 | 14 |
| 17 | Study Buddy Inferno | 66967 | 37 | 30 | 0 | 7 |
| 18 | 6-Color Pens | 66685 | 38 | 29 | 12 | 21 |
| 19 | Bracelet Pens | 65581 | 25 | 25 | 48 | 48 |
| 20 | Twister Pens | 66921 | 19 | 9 | 0 | 10 |

## Questions:

1. Which item sold the most this week? Mini Fish erasers
2. Which item sold the least this week? Twister Pens
3. The school store has set an inventory policy to have a quantity of at least 25 of each item in stock. Using the Friday afternoon ending inventory figures, which items will Sniffer need to re-order?

Criss Cross Critters, Traction Mechanical Pencils, .7 mm Value Lead, Study Buddy Inferno, 6-Color Pens, and Twister Pens

Tracking I nventory School Store<br>Ending I nventory Record Tuesday Afternoon

|  | Item <br> Name | RG <br> Item <br> \# | Beginning <br> Inventory <br> (Monday <br> Morning) |  <br> Tues. <br> Sales <br> $\mathbf{( - )}$ | Tuesday <br> School <br> Store <br> Orders <br> (+) | Ending <br> Inventory |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| 1 | Retro Pencils | 67176 |  |  |  |  |
| 2 | Pet Silhouettes <br> Pencils | 67175 |  |  |  |  |
| 3 | Astral Wonders <br> Pencils | 67124 |  |  |  |  |
| 4 | Munchin Mike <br> Sharpener | 67183 |  |  |  |  |
| 5 | Piranha <br> Sharpener | 67037 |  |  |  |  |
| 6 | Mouse <br> Sharpener | 65627 |  |  |  |  |
| 7 | Erasing Grip | 67137 |  |  |  |  |
| 8 | Criss Cross <br> Critters | 67036 |  |  |  |  |
| 9 | Happy Cap <br> Erasers | 64259 |  |  |  |  |
| 10 | Dessert Erasers | 66993 |  |  |  |  |
| 11 | Twister Erasers | 67027 |  |  |  |  |
| 12 | Mini Fish Erasers | 67099 |  |  |  |  |
| 13 | G Mechanical <br> Pencils | 67039 |  |  |  |  |
| 14 | Traction <br> Mechanical <br> Pencils | 67013 |  |  |  |  |
| 15 | Funky Tube <br> Mechanical <br> Pencils | 65229 |  |  |  |  |
| 16 | .7mm Value <br> Lead | 61152 |  |  |  |  |
| 17 | Study Buddy <br> Inferno | 66967 |  |  |  |  |
| 18 | 6-Color Pens | 66685 |  |  |  |  |
| 19 | Bracelet Pens | 65581 |  |  |  |  |
| 20 | Twister Pens | 66921 |  |  |  |  |
| 2207 Raal |  |  |  |  |  |  |

Tracking I nventory School Store Ending I nventory Key Tuesday Afternoon

|  |  |  | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Item Name | $\begin{gathered} \text { RG } \\ \text { Item } \\ \text { \# } \end{gathered}$ | Beginning Inventory (Monday Morning) | Mon \& Tues. Sales (-) | Tuesday School Store Orders (+) | Ending I nventory |
| 1 | Retro Pencils | 67176 | 20 | 5 | 72 | 87 |
| 2 | Pet Silhouettes Pencils | 67175 | 20 | 5 | 72 | 87 |
| 3 | Astral Wonders Pencils | 67124 | 35 | 8 | 72 | 99 |
| 4 | Munchin Mike Sharpener | 67183 | 50 | 15 | 0 | 35 |
| 5 | Piranha Sharpener | 67037 | 45 | 15 | 0 | 30 |
| 6 | Mouse <br> Sharpener | 65627 | 28 | 7 | 0 | 21 |
| 7 | Erasing Grip | 67137 | 55 | 9 | 0 | 46 |
| 8 | Criss Cross Critters | 67036 | 15 | 7 | 0 | 8 |
| 9 | Happy Cap Erasers | 64259 | 75 | 35 | 100 | 140 |
| 10 | Dessert Erasers | 66993 | 80 | 21 | 0 | 59 |
| 11 | Twister Erasers | 67027 | 100 | 25 | 36 | 111 |
| 12 | Mini Fish Erasers | 67099 | 110 | 35 | 48 | 123 |
| 13 | G Mechanical Pencils | 67039 | 46 | 16 | 12 | 42 |
| 14 | Traction Mechanical Pencils | 67013 | 25 | 10 | 12 | 27 |
| 15 | Funky Tube Mechanical Pencils | 65229 | 25 | 14 | 24 | 35 |
| 16 | .7 mm Value Lead | 61152 | 30 | 1 | 0 | 29 |
| 17 | Study Buddy Inferno | 66967 | 37 | 10 | 0 | 27 |
| 18 | 6-Color Pens | 66685 | 38 | 10 | 0 | 28 |
| 19 | Bracelet Pens | 65581 | 25 | 21 | 0 | 4 |
| 20 | Twister Pens | 66921 | 19 | 6 | 0 | 13 |

## Tracking I nventory Assessment of Student Progress

Use the following summary to assess a student's abilities and performance throughout the lesson. Share this assessment with students at the start of the lesson so that students will understand how they will be assessed prior to beginning the Exploring and Learning section. Use this tool as a basis for providing feedback to the student. Use the scale below to score each of the following items:

## Making Connections:

____ Student participates in class discussion to define inventory.
Student participates in discussion by offering reasons why tracking inventory is important.

## Exploring and Learning:

____ Student completes homework assignment interviewing family members about the types of items each member tracks at home.
____ Student shares homework assignment responses with class to create a list of at home inventory items.
____ Student works with partner to calculate total sales for the week. School Store Sales contains accurate calculations.
Student works with partner to complete columns A, B, and C of the School Store Ending Inventory Record: Friday Afternoon using sales, beginning inventory, and order information. Student works with partner to calculate the ending inventory totals for each item in the school store.
____ The School Store Ending Inventory Record: Friday Afternoon contains accurate calculations (column D).
Student works with partner to identify the top selling item, the item with least sales, and the items that need to be re-ordered to maintain inventory goals.
The School Store Ending Inventory Record: Friday Afternoon contains accurate responses to the three questions.

## SCALE

[^0]
[^0]:    4 - Excellent
    Student completes the activity, task or assignment with no errors and demonstrates mastery of concepts and/or lesson objectives.
    3-Good
    Student completes the activity, task, or assignment with few major errors and demonstrates an understanding of the concepts and/or lesson objectives.
    $\underline{2}$ - Fair
    Student completes the activity, task, or assignment with some major errors and demonstrates difficulty with the concepts and lesson objectives.
    1 - Poor
    Student does not complete the activity, task, or assignment and demonstrates no understanding of the concepts and/or lesson objectives.

