

# WEIGHT (STD UNITS)



 PRINT AND DIGITAL



*This unit was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader, can count to 20, but still struggles with measurement. With some support he is able to do this unit and enjoys the challenge. He is my tester!!*

# Table of Contents

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*This unit contains over 100 pages of material that focus on reading a scale using the correct units. There is a detailed lesson plan included to help you make the most of this material.*

*This unit also digital activities.*

# Weight Lesson Plan

## Preparation

- Print out a vocabulary board for each student to use throughout unit
  - Laminate or place in page protector
- Print out flash cards onto cardstock and laminate
  - Gather pictures of various objects to use with flashcards (some for each unit of measurement: inch, foot, and mile)
- Books
  - Print out, laminate, and bind

## Preassessment (do day 1 before starting lesson)

- Use the fact sheet to assess what your students may already know
- I cannot emphasize enough how important this step is. If you want to see growth, this preassessment is so important!!

## Teaching Tips

1. *Color Coding:* this is a really easy way to add more structure to a matching activity. Outline or color in an empty box or sorting label. Outline or color in the corresponding picture symbols the same colors. Becomes a color matching task.
  - a. For more info, read more here:  
<https://specialneedsforspecialkids.org/2015/09/05/using-color-coding-for-differentiation/>
  - b. I also have a blog post on differentiating one activity 3 ways:  
<https://specialneedsforspecialkids.org/2018/10/22/differentiating-1-activity-3-ways-easily-and-effectively/>
2. *Make you own copies of the activities:* Every day I review the activity we did yesterday. For that reason:
  - a. I often complete the activity myself and often laminated it for easy review that I could use year after year.
  - b. My copies were also helpful as either a model for students who needed more support or as a way for more advanced students to self-check their work.
3. *Options for Use:* Turn any activity into a reusable file folder activity by laminating and adding Velcro.
  - a. For more info, watch this video here:  
<https://www.teacherspayteachers.com/Product/Making-File-Folder-Activities-3474240>

The lesson plans contain:

Overall tips for teaching students with significant needs and who may lack some pre-requisite skills.

## Quick Look

Day	Activity	Day	Activity
1	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Circle map</li></ul>	8	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Ordering activity</li></ul>
2	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Circle map</li></ul>	9	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Circle best unit worksheet</li></ul>
3	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Circle map</li></ul>	10	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Circle best unit worksheet</li></ul>
4	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Sorting activity</li></ul>	11	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #2</li><li>• Reading a scale worksheet</li></ul>
5	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Sorting activity</li></ul>	12	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #2</li><li>• Reading a scale worksheet</li></ul>
6	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Sorting activity</li></ul>	13	<ul style="list-style-type: none"><li>• Quiz</li></ul>
7	<ul style="list-style-type: none"><li>• Book</li><li>• Group activity #1</li><li>• Ordering activity</li></ul>		

*The lesson plans contain:*

*A quick look at what you will do each day.*

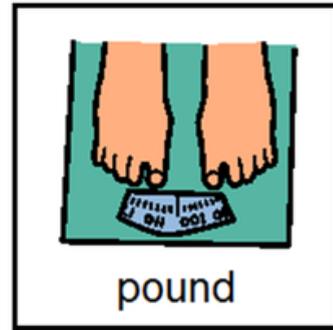
## Day 10

Activity	Notes	Materials
Read the book: <b>About How much does it weigh?</b>  (10 minutes)	<ul style="list-style-type: none"><li>• Read through the story, asking lots of questions</li><li>• Continue to make connections between book and vocabulary board</li></ul>	<ul style="list-style-type: none"><li>• Book</li><li>• Vocabulary board</li></ul>
Group Activity #1 (10 minutes)	<ul style="list-style-type: none"><li>• Give each student a set of flashcards (ounces, pounds, tons)</li><li>• Show students an object or picture of an object and have them hold up the measurement card they would use</li></ul>	<ul style="list-style-type: none"><li>• Flash cards</li><li>• Objects or pictures of objects</li></ul>
worksheet review (5 minutes)	<ul style="list-style-type: none"><li>• Review the worksheets completed yesterday</li></ul>	<ul style="list-style-type: none"><li>• worksheet completed yesterday</li></ul>
Choosing the best unit (10 minutes)	<ul style="list-style-type: none"><li>• Student will complete the last 2 worksheets, circle the best unit of weight for each object pictured</li><li>• Use color coding if needed for additional support (highlight the correct answer) or eliminate one of the three choices</li><li>• Make connections to the book as necessary</li></ul>	<ul style="list-style-type: none"><li>• worksheet</li><li>• way to mark correct answer</li></ul>
Sharing (10 minutes)	<ul style="list-style-type: none"><li>• Each student shares their finished activity with the group using the communication method of their choice</li></ul>	<ul style="list-style-type: none"><li>• Completed activity</li><li>• Communication devices</li></ul>

The lesson plans contain:

Detailed instructions on how that day's lesson should run including group and individual activities.

If something is not really heavy or really light, like a person, we measure it in **pounds**.



Christa Joy, Special Needs for Special Kids



There are 2 books in this unit. This one is 24 pages long and talks about the different units of weight (ounces, pounds, and tons) and which one to use in different situations.

3. If you could probably lift it but it would be too heavy to throw, use **pounds**.



Christa Joy, Special Needs for Special Kids

The book also comes as a recorded PowerPoint show or mp4 movie file that you can play rather than print out.

When you place something on a scale, it can tell you exactly how much something weighs.



ChristaJoy, Special Needs for Special Kids



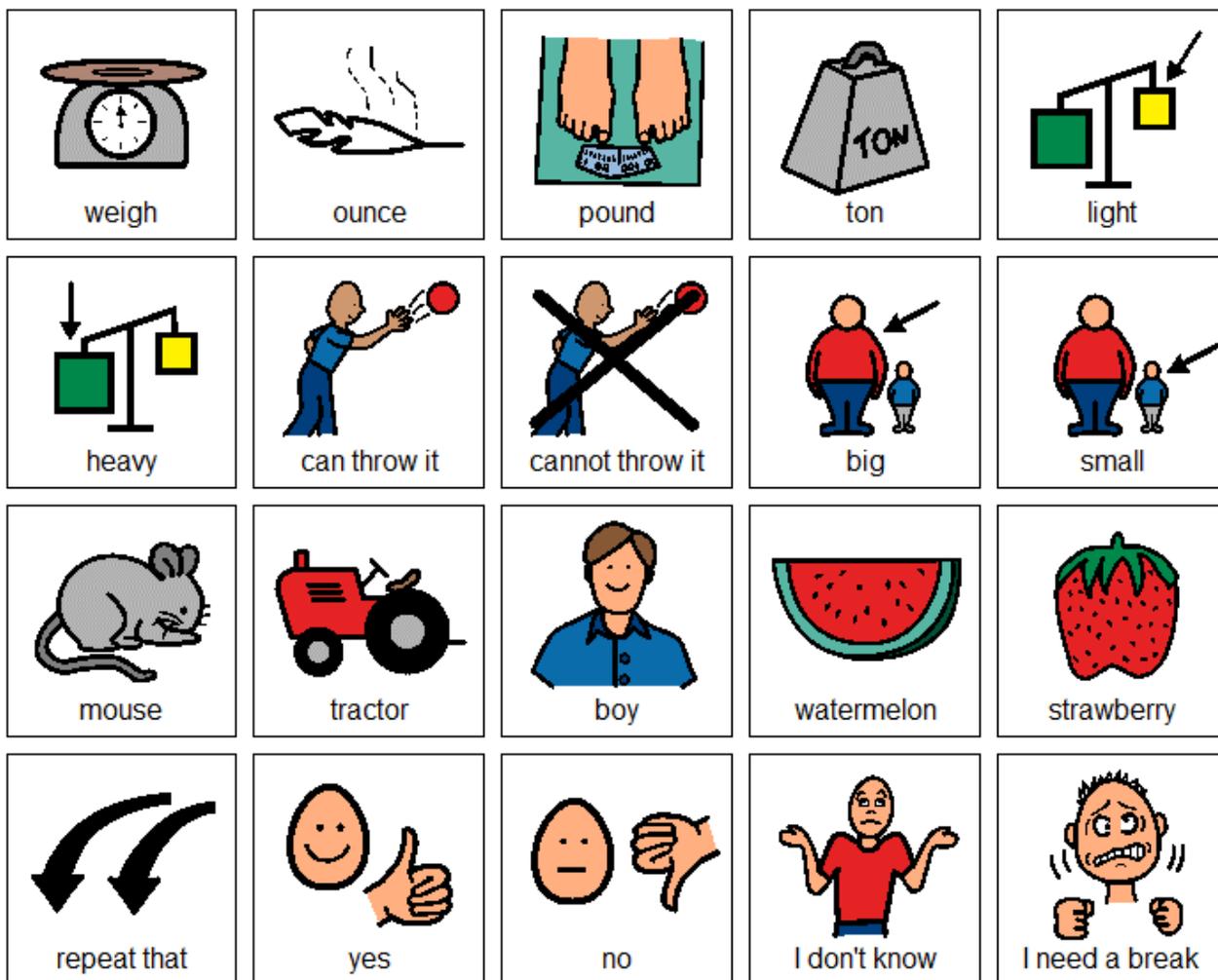
This book is 15 pages and talks about how to read a scale.

The book also comes as a recorded PowerPoint show or mp4 movie file that you can play rather than print out.

Read the number, or find the number the arrow is pointing to.



ChristaJoy, Special Needs for Special Kids



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This unit comes with a vocabulary board.

Vocabulary boards are great for ALL students to assist with participation and engagement in group discussions.

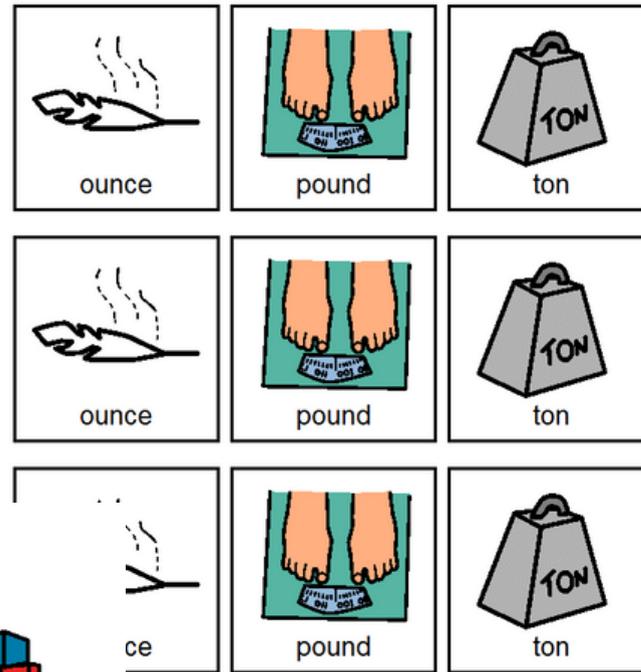
Tips on how to use in the unit!!

# Group Activities



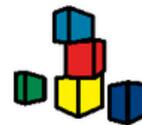
- Activity 1
  - Make a set of weight flash cards for each student in the group
  - Show students a picture of an object and have them hold up the measurement card they would use
- Activity 2
  - Make as many copies of the recording sheet as you need
  - You will need a class balance scale
  - Have students choose various objects to weigh
  - It is important for them to estimate the weight first to build a better conceptual understanding of how much things relatively weigh

Flashcards: Print a set (either as a strip or cut apart) for each student on cardstock. Laminate for longer durability.



Name: \_\_\_\_\_

How many cubes does it weigh?



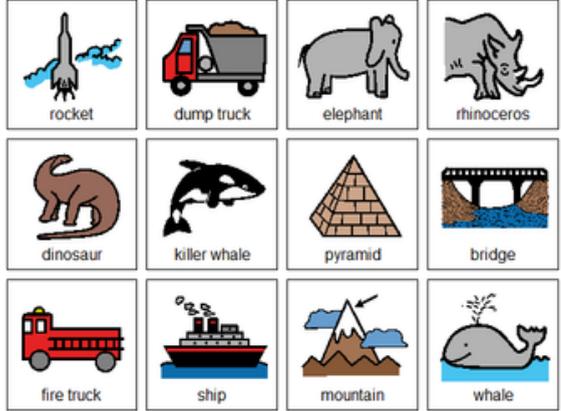
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item	Estimate # blocks	Actual # blocks



There are group activities you can do each day. It includes flashcards in color and black and white. One activity has students practice using the correct unit of weight and one has students practice using a scale.

Place the images below in the circle map on the previous page that relate to tons.



Place the images below in the circle map on the previous page **ONLY IF** they relate to tons.

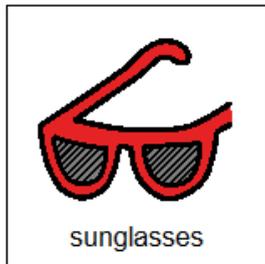
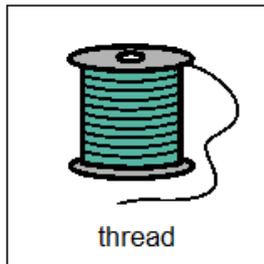
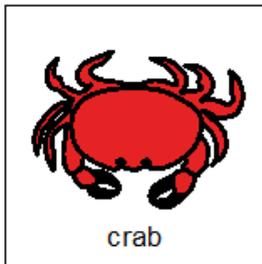
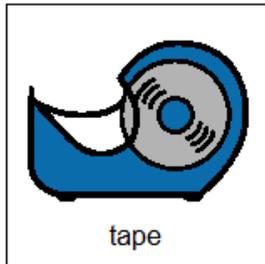
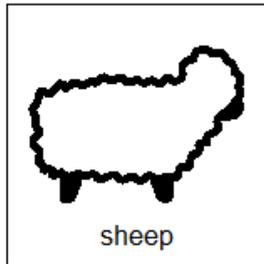
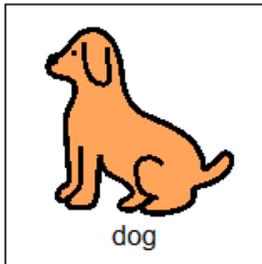
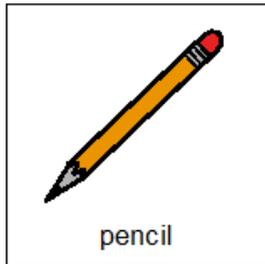
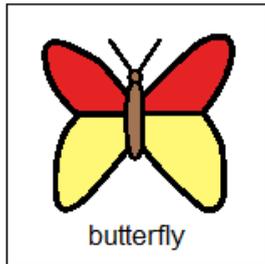
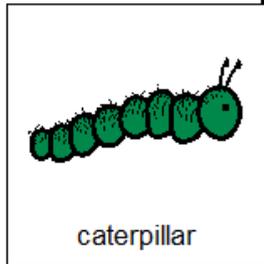
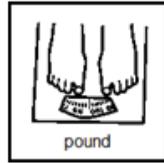


There are 3 circle maps in this unit. There is one for inches, one for ounces, one for pounds, and one for tons.

Circle maps are a great way for students to see the concept at a glance. There are 2 versions:

- One is errorless
- One has wrong answers mixed in students will have to set aside

Sort 3



oz

lb

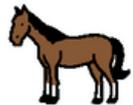
There are 3 sorting activities looking at the various units of weight. Suggestions for differentiation are included.



Three rows of empty boxes for object placement. Each row has a small icon of a hand on the left and a small icon of a bag on the right. The boxes are arranged in a 3x3 grid.

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Ordering pictures for series of 3.

 horse	 Q-tip	 rocket
 dinosaur	 nurse	 lightning bug
 snowflake	 pig	 tanker truck

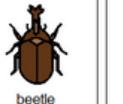
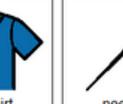
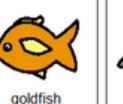
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Students will put objects in order depending on relative weight. The first 2 sets put 3 objects in order. For the next 2 worksheets put 5 objects in order. Suggestions for differentiation are included.

Three rows of empty boxes for object placement. Each row has a small icon of a hand on the left and a small icon of a bag on the right. The boxes are arranged in a 3x5 grid.

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Ordering pictures for series of 5.

 snowman	 beetle	 kitten	 cow	 tractor
 volcano	 wolf	 tree	 T-shirt	 needle
 zebra	 goldfish	 shark	 volleyball	 rocket

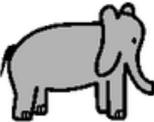
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Circle the best unit to measure the following objects.

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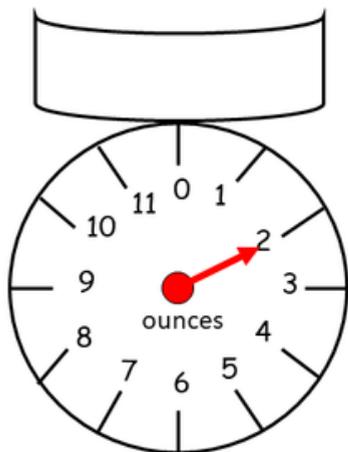
Circle the best unit to measure the following objects.

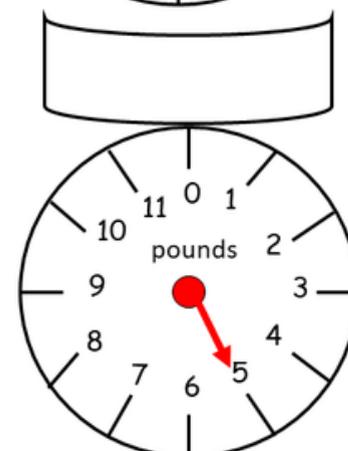
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There are 5 worksheets where students will look at an object and circle the best unit of measure depending on its size. They are in color and black and white.

Write the weight shown in the box.



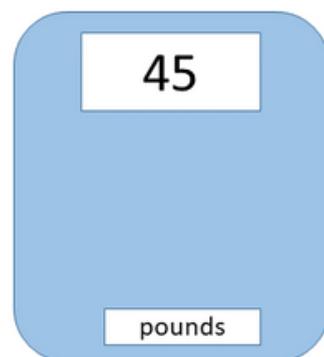
**OZ**



**lb**

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Write the weight shown in the box.



**lb**

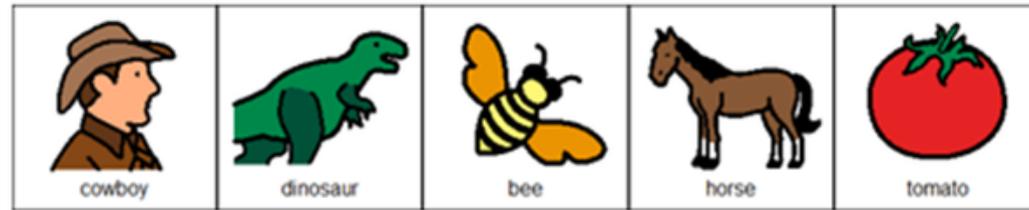


**OZ**

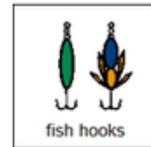
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There are 5 worksheets where students will look at different scales and record the weight.

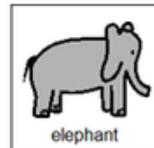
1. Order the following items lightest to heaviest.



2. What would you use to measure



3. What would you use to measure



4. What would you use to measure

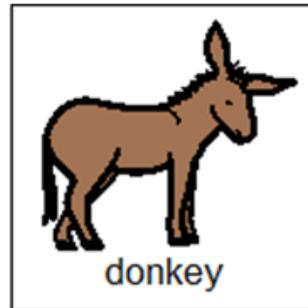
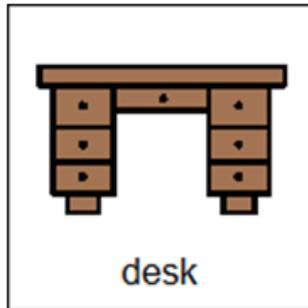
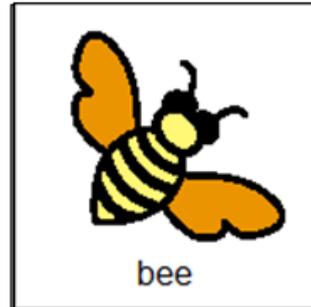
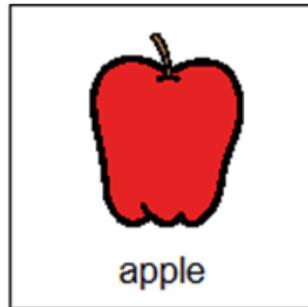
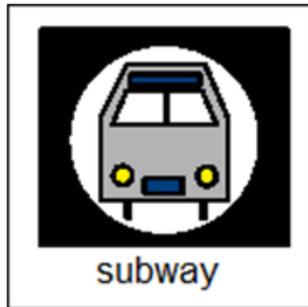


FINALLY the assessment!!  
There are 2 versions. This version has 7 questions with 3 picture choices for each question.

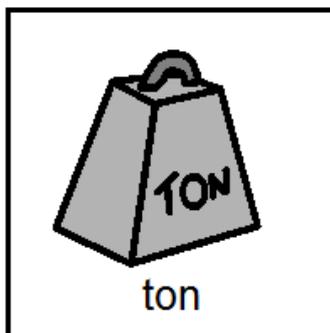
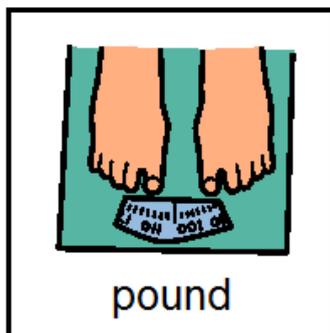
Answer key included.

Used for version 2. Print and cut out.

Q1



Flash cards



With this version, you cut out the answer choices and glue them on index cards. Ask the student the question, and they point to the correct answer.



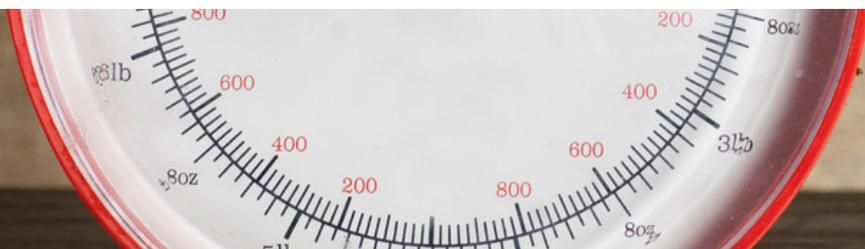
*An elephant, a truck and a tree are examples of things that are really heavy.*



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Listen to the book read aloud

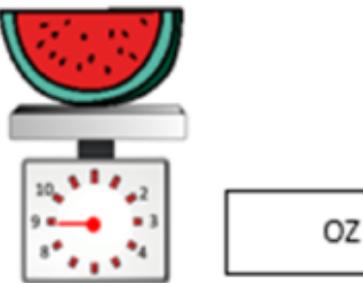
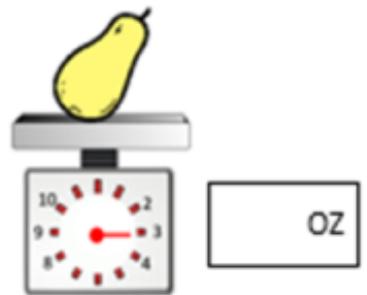
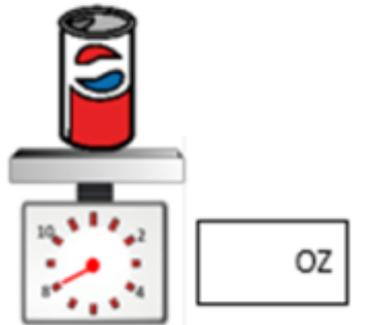
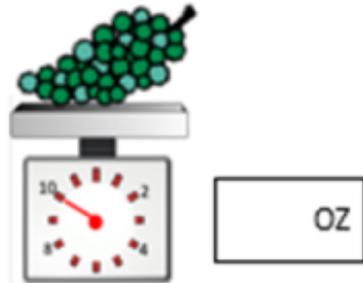
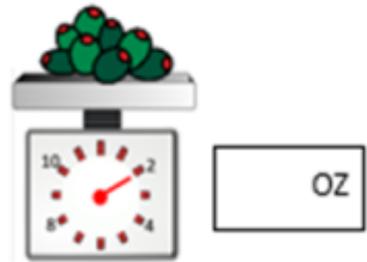
This unit also has digital activities. There is a movie version of the books students can listen to read aloud.





Day 8

Match the correct weight to each scale. Circle the heaviest item.



9 oz

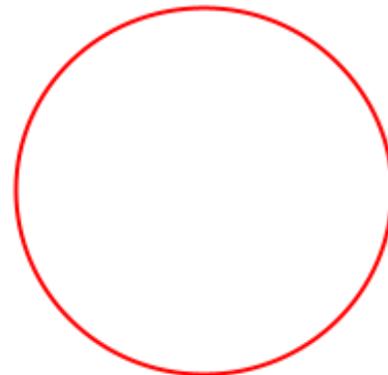
2 oz

10 oz

3 oz

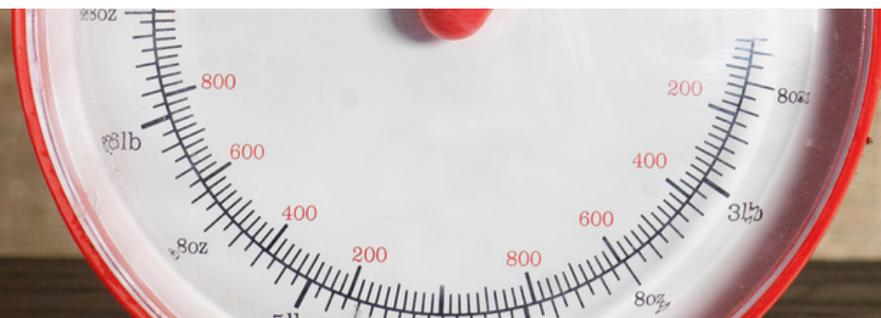
8 oz

4 oz



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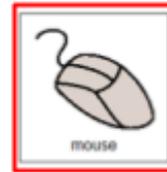
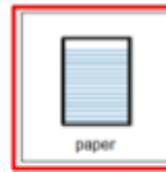
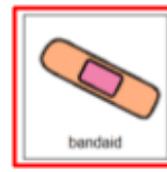
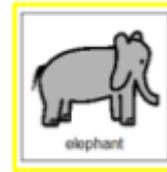
The digital activities have students click and drag their answers.



Day 5



Sort the pictures into the correct column depending on the BEST unit of weight.



There are 2 sets of slides. One set has color-coding for more support.





I realize there will be some students out there unable to do cutting activities. I have a blog post with ways to complete activities without a pair of scissors!!

**[Click Here to read more!!](#)**