



# *At Home Learning Resources*

## PreKindergarten - Week 12

*Get Counted*  
**2020 Census**

The Census starts in April  
More info | [www.2020census.gov](http://www.2020census.gov) | Job opportunities

### How to take the 2020 Census

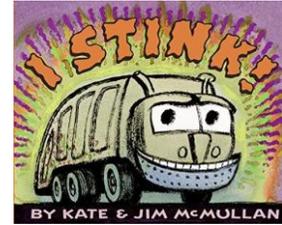
Online      Phone      Mail

### Why it matters

|   |   |
|---|---|
| <b>Federal funding</b><br>For local programs and organizations            | <b>Better planning</b><br>For roads, schools, healthcare and emergency services                       |
| <b>Determines representation</b><br>In Congress and the state legislature | <b>Helps businesses</b><br>Locate factories and stores, recruit employees and conduct market research |

**Shape your future**  
**Your community, your voice**

<https://2020census.gov/>



## I Stink by Kate and Jim McMullan

English: <https://youtu.be/luwjidtsQbA>

Pashto: It Stinks [https://youtu.be/L\\_4vmBTORcU](https://youtu.be/L_4vmBTORcU)

Khmer <https://youtu.be/nR9neOekC7U>

Spanish [https://youtu.be/\\_KqIP8uQrLk](https://youtu.be/_KqIP8uQrLk)

This book explores a Garbage truck picking up trash in the city. It “Stinks” because it is eating all of the trash that gets thrown out. Take notice of the “Garbage Alphabet.” See if your children can recognize and label some of the items that people throw in the trash. There is a lot of vocabulary to learn when exploring Garbage (Trash) trucks.

**Building Vocabulary** -The book contains rich vocabulary to explore with your child beyond the story. Find ways to use some of the words during daily routines and play activities and reference the book *I Stink*.

- **Wide**-from side to side.
- **Curb**-a stone or concrete edging to a street or path
- **Hopper**-A container for bulk material that can get rid of its contents by dumping it.
- **Parts of a Trash Truck**- Throttle, Pistons, Tailgate, Crushers, Blade
- **Compacted**-Tightly put into something. (Like when you try and stuff a lot into a back pack to make everything fit inside)
- **Landfill**- A place where they bring the trash and leave it.
- **Barge**-A flat bottom boat for carrying a lot of items. In this story, it takes trash out of a city

### Engage in conversations to promote oral language -

- What do you think would happen if we didn't have a trash truck to collect our garbage?
- Do you think our cities would stay clean? What would it smell like?
- Do you think there are ways to help reduce the amount of trash we throw away?
- What do you think we can do in our house to not throw out as much (Reduce) trash?

### Mathematics:

**Landfill Sorting**- Draw houses/roads on a large piece of paper or cardboard. Find some toy trucks around the house or make one out a small box. Your child can pretend to drive around the city collecting trash. Have the “Trash collector” (your child) gather up different size Lego pieces to bring to a landfill. Sort the Lego's by size, shape, or color at the landfill. Count the number of Legos in each group and label them.



### **Dump Truck Stacking and Filling:**

Use a toy dump truck or make one out of a box. Encourage child use dominos, blocks or anything small and stackable to fill the truck. Tell your child they need to stack a certain amount of “items” before bringing it to the city dump or delivering it at homes. Challenge your child to find out, how many dominos/blocks can fit in the dump truck without having any fall out when it drives around. Empty the load and count the items by lining them up. As your child counts help him/her maintain one to one correspondence as they count higher than 10.



**Cleaning up the water** – Fill a small container with water and place items in the water (pretending to be trash). Child can use tongs to fish trash out of water and place in “Trash Can” plastic cup. Use numbered 1-10 cards, magnetic numbers, or number puzzle pieces – take turns fishing various amounts of trash out the bowl.

### **Literacy:**

**Matching upper and lower case letters** - Save small lids off the top of bottles. Using a permanent marker print capital and lower case letters on the inside of the lid where there is no writing. If you have a small bin you can fill it with sand or other items and bury lower case letters. Place upper case letters in bag or bin and have child pick one then find its match in the sand. When the letter is found, have your child place the pair on a tray. When all the letters are found, encourage your child to place them in alphabetical order. Then they can use the letter to practice printing their own capital letters and lower case letters on paper.

**Smelling Stuff**- Use the template on page 5 to describe different smells. Encourage the use of rich language. Some words used to describe smells clean, heavy, floral, musky, powerful, funky, nasty, overpowering, ripe, sour, stinking, fresh, fragrant, rich, sweet, tangy, and scented.

### **Creative Arts:**

**Garbage Bag Windsock**- Lay a clean white trash bag out flat to color. Slit the seam at the bottom and cut strips. Do not cut all the way to the top. Leave part of the design showing at the top of the bag. Use the ties on the garbage bag to hang.





### **Dirt Cloud Dough:**

- 3 cups flour (normal white flour)
- 1 cup cocoa
- 1/2 vegetable oil (olive, sunflower, a mix)
- Zip lock bag

Add the flour and cocoa into the zip lock and give it a good mixing. Add your vegetable oil to the flour mix and squeeze the air out of the zip lock as you close it. Mix the flour/cocoa and oil until it seems well mixed. Pour this mixture out into your sensory bin/on a tray and give it a bit more mixing if needed.

### **Links to on-line music and learning:**

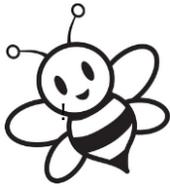
**Explore Machines and Recycling by Blippi** - [https://www.youtube.com/watch?v=cVGrRNi\\_2k](https://www.youtube.com/watch?v=cVGrRNi_2k)  
This you tube video shows a Recycling Plant and other trucks

**Garage Trucks Song – by Blippi** <https://www.youtube.com/watch?v=fysFwSfdQzc>

Clean-up Trash Song by CoComelon Nursey Rhymes for Kids Songs  
<https://www.youtube.com/watch?v=47ODQI0OSOA>

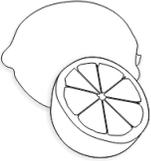
Diggory the Dumptruck A Cosmic Kids Yoga Adventure -  
<https://www.youtube.com/watch?v=lppLh0FI3iw>

**The Stinky and Dirty Show:** <https://www.youtube.com/watch?v=CmJfAiKiful>

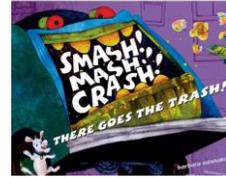


# Bees and Me: Using our senses



| What I Smelled   | I Liked it!   | It was yucky!  |
|--|---|--|
|  <p data-bbox="391 684 532 709">Baby Powder</p> |    |    |
|  <p data-bbox="391 926 519 951">Peppermint</p>  |    |    |
|  <p data-bbox="410 1167 496 1192">Vinegar</p>  |  |  |
|  <p data-bbox="410 1409 488 1434">Vanilla</p> |  |  |
|  <p data-bbox="410 1650 483 1675">Lemon</p>   |  |  |

**Smash, Mash, Crash There Goes the Trash** by Barbara O’Danaka  
 English: [https://youtu.be/jtDW8MDVe\\_8](https://youtu.be/jtDW8MDVe_8)



This is a colorful book that has whimsical pictures and great words to promote sound and language. Vocabulary for young learners is written to entice the reader.

**Language and Literacy:**

**Discuss Garbage and Trucks:** Draw a picture of trash truck. Label parts of the truck.

**Engage a conversation during meals or routines:**

What happens when the trash collectors pick up the trash? Where do they think it goes? What happens to the garbage? Do they know why it could be “stinky” on a garbage truck? Do you think it is a cool job? Why? Why Not? Should we throw this away or reuse it for something?

**Create a book about Garbage and Trash Trucks** - using vocabulary cards from the book and word cards on page X.

|   |  |   |   |
|---|--|---|---|
| <p><b>Mash – to grind up</b></p>  |  <p><b>Block – another word for street</b></p> | <p><b>Gulp – swallow a large mouthful</b></p>  | <p><b>Roar – loud sound usually made by a lion</b></p>  |
|---|--|---|---|

**Writing:** Make a sign to say “Thank you” to your garbage collectors.

**Gross Motor Activities:**

**Collect and Sort Trash** - Walk around your home and pick up trash. Tongs would make it more challenging. Place your items into a box or a clean trash bag. Have your child sort it when he/she is finished. Place in 2 piles. One for Reusing and one that has to go in the trash.

**Indoor Bowling** - Collect empty bottles. Fill them with rocks, water or some other item to weigh them down. Make sure the cover is securely fastened. Duct tape could be used to seal the containers so nothing spills out. You only need to fill the bottles a little so they will stand up. Decorate the outside by gluing fabric or paper to the bottle. Line up the bowling pins and have your child roll a ball and knock them down. Count how many pins fell. This is a great experience to begin learning to count. You can extend learning by using different types of balls. Explore which balls knocked the pins over and which do not. Explore “Why” together.

**Sensory:**

**Make a Feely box:** Use an old tissue box and cover it with a piece of paper. Gather two of the same small items – look for things with a texture i.e. scratchy, soft, fuzzy, rough, cold etc. or unique shape. Place items in front of your child talk about each item. Then place one of each item into the tissue box. Tell your child to close their eyes and reach inside the box to find the matching item selected. Encourage child to use language to describe what they are feeling or touching as they look for matching items with only their sense of touch inside the tissue box.

**Great Links to explain Trash and Recycling:**

<https://pbskids.org/video/sid-science-kid/1884201189> Sid The science Kid (Garbage and Recycling) \*Have your child help put trash into the garbage can. If able, have them help take out the trash on trash day.

This quote came from Hector Urquhart's Introduction to 1860's Popular Tales of the West Highlands: **"One man's trash may be another's treasure"**

**Below you will find many items you may typically throw away that can be turned into lovely and useful items. Enjoy!**

**Suggestions to do with your little ones made from household items.**

Reused Containers for tissues



Wipe containers to grow plants



Sugar Container to store legos



Sand pails for plants



Cleaned out juice containers



Tic Tac Box to hold Bobby Pins



Personalized Pencil Holder



Use an old belt to hang a shelf



Ribbon Wreath



**Fine Motor:**

Make your own paint brushes:

1. Collect some twigs. Any size or shape sticks. Chose ones that are not too thin or wide and are as straight as possible.
2. Find some twigs with bushiest part of the plant and snip off a small bunch. You do not need a lot because when you join the leafiest parts together it becomes dense. Trim off the leafiest parts so they are roughly the same length and bunch it together. Attach it to the end of the twig by wrapping an elastic band around it several times to hold it into place.
3. Dip into paint and have fun creating.

**Science:**

Ice Boats- Materials needed: food coloring, straws, sticky tape, cardboard for sails, and containers filled with water that have been frozen.

1. Find a container, size and shape of your choosing. Fill container(s) with colored water about  $\frac{1}{2}$  way to make the body of the boat.
2. Place a straw in before the boat before freezing as it will be the mast for sail once the water is partly frozen.
3. Freeze the rest of the way.
4. In the morning remove from container, decorate mast with sails, and have fun sailing your boats in kiddie pool or tub.

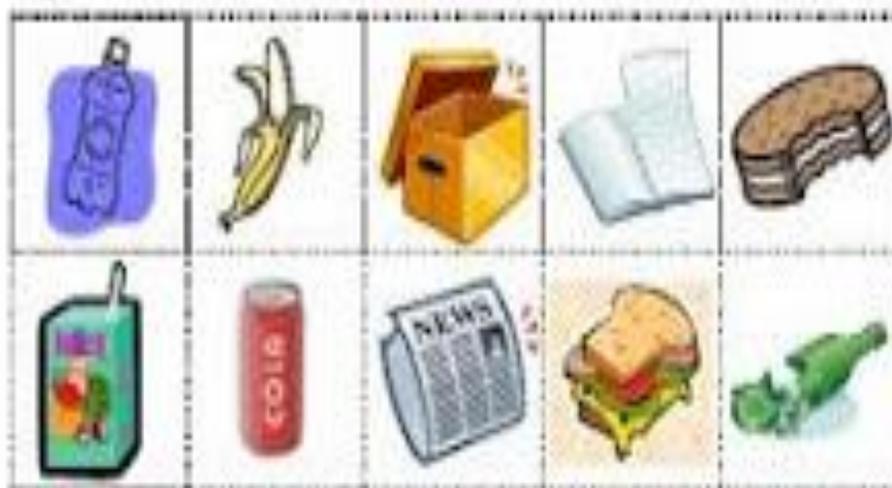
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# Sorting Trash

Cut the pictures at the bottom and paste them in the right category.

Recycle

Garbage



# Take Out the Trash

1



2



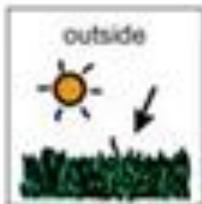
3



4



5



6



Use these pictures to write stories or talk about recycling

## Recycle



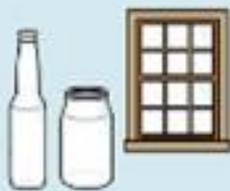
plastic



recycle



cans



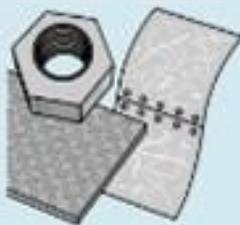
glass



paper



garbage truck



metal



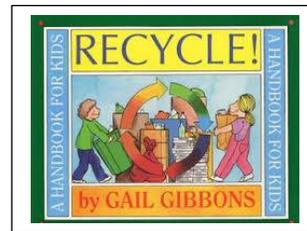
bulldozer



recycle bins

Recycle: A Handbook for Kids by Gail Gibbons

English:



## Language and Literacy:

### Conversation Starters:

Do you think we recycle at our house? What can you do to help? Why do you think recycling is important? Can you think of anything you can recycle?

### Computer Games:

Seesame Street: Abby's Sandbox Search Letter Sound Game

<https://www.youtube.com/watch?v=SaAQ5SwyguE>

### Set up a recycle sorting game:

Have students place recycled materials into the three groups: Plastic / Paper / Trash

National Geographic Kids Recycle Round Up. Game

<https://kids.nationalgeographic.com/games/action-and-adventure/recycle-roundup-new/>

**Learn a song together:** Practice learning the tune and words to Trash in the Can and Trash is Blowing All Around. See how many times your child can highlight the word Trash. See songs on page 13.

**Scavenger Hunt** - Clean up the house, yard, or neighborhood– Track the trash you are able to pick up. If you are unable to go outside, you can hide items in the house and have children find them using the chart found on page 15.

### Mathematics:

**Bottle to Cap Sorting:** Collect a variety of jars, plastic bottles, and containers with lids. Children can match tops to containers and sort by various attributes: wide/narrow, tall/short, large/medium/small, smallest to largest lid or container. The possibilities are unlimited. Track the number of ways containers can be sorted.

**Measurement:** Explore measurement using Building Blocks Home School Connection page 16. Compare weights of groceries. Compare measurement of time using seconds. Compare the measurement of lengths and explore the reasons for consistent units of measurement. Page 17

**Measurement:** Using containers for Bottle to Cap Sorting – Compare the capacity of various containers using blocks, legos, or water.

**Count to a target number:** Play the pizza game following directions on page 19 and using templates on 20 and 21. The goal is stop adding when you meet your target number and start over only adding until target number is reached.

## Put Trash in the Trash Can

*Sung to the tune of "The Wheels on the Bus"*

Litter is trash that wasn't put away,  
Wasn't put away, wasn't put away.  
Litter is trash that wasn't put away  
in the trash can.

I put my trash in the trash can,  
the trash can, the trash can,  
I put my trash in the trash can,  
right where it belongs.



## Trash is Blowing All Around

*Sung to the tune of "London Bridge"*

Trash is blowing all around,  
all around, all around.  
Trash is blowing all around,  
all around the town.

Let's get busy and pick it up,  
pick it up, pick it up.  
Let's get busy and pick it up,  
all around the town.

Get a trash bad and put it in,  
put it in, put it in.  
Get a trash bag and put it in,  
all around the town.



## Recycling Scavenger Hunt



cans



paper



water bottles



boxes



food boxes



batteries



aluminum cans



Dear Family,

Measurement continued to be the focus of Week 21. Children learned a new strategy for measuring as they placed units end-to-end in order to determine the length “of an object.” Expand on this at home by looking at a ruler or tape measure with your child to identify inches and feet as units of measure, and help your child measure several objects. Children are not expected to measure by inches or feet in class; it is simply beneficial to familiarize them with actual units of measurement.

Help-at-Home Math Tips

- Help your child compare the weight of various objects, such as canned and boxed food items, different types of shoes, and various-sized blocks. Ask your child to estimate which of a pair of items is heavier by holding each one. If you have a scale, weigh the objects.

*Benefit:* This activity provides comparison and estimation practice.

- Time is a form of measurement that can be difficult for young children to grasp. Discuss time in terms of activities that occur after lunch, before dinner, and the like. You can also compare activities by discussing which takes longer, happens frequently, and so on. Make up time games, such as seeing who can stand on one foot longer, and count aloud together: “1 second, 2 seconds, 3 seconds,” and so on.

*Benefit:* This helps children become familiar with units of time, tools for measuring time, and comparison.

What’s Ahead?

In Week 22, children continue their study of measurement. They will compare and measure in units of length, capacity, weight, and time.

Here's What I Know

Ask your child to measure the length of one shoe using objects that are the same in size and come in large numbers, such as pennies, quarters, or Legos. Then complete the sentence below.



THE SHOE IS \_\_\_\_ PENNIES LONG.

THE SHOE IS \_\_\_\_ QUARTERS LONG.

THE SHOE IS \_\_\_\_ LEGOS LONG.

What to Look For

- Did your child write a numeral on the line?
- Can your child tell you how he or she measured the length of the shoe?



Dear Family,

Children are beginning to move beyond simple comparisons to realize that measuring is finding a number that tells how much. Products are a good way to help your child link numerals to measurements by discussing weights on packaging. Even at a food store, if scales are available, help your child weigh items you plan to buy. Have your child add or take away pieces to help you achieve a desired amount on the scale. More tips follow for measuring activities.

#### Help-at-Home Math Tips

- Collect eight to ten empty containers of various shapes and sizes. Set a pitcher or large bowl of water outside (or on a surface that can get wet), and allow your child to explore the containers, comparing their capacities by pouring water from one into another. Help your child estimate how many small containers it will take to fill the largest container.  
*Benefit:* This activity provides practice with estimating and measuring capacity. It also reinforces the concept of combining small units to measure something larger.
- Include your child in cooking, sewing, woodworking, and other supervised activities that involve measuring. Discuss the need for accurate measurements and the instruments to do so.  
*Benefit:* This provides hands-on practice with measuring and reinforces the importance of measurement.

**Try the Pizza game at home:**

What's needed: Pizza Game 2 sheet, one die, and small red circles to look like pepperoni

Directions:

1. Each player has a copy of the Pizza Game 2 sheet. Decide on a target number, such as 5, 6, or 10
2. Player 1 rolls the die, and puts that many counters ("toppings") on the sheet's plate. Player 2 must agree that Player 1 is correct. If so, Player 1 moves the counters to a "pizza," trying to get 5 on each. For example, if a 6 was rolled, the player puts 5 on one pizza and 1 on another.

Players take turns until they get the target amount on each of their pizzas

