



Measuring BINGO



Comparing Weights



What tools in your home can you measure the length or weight of objects with in standard units?



Tower Time



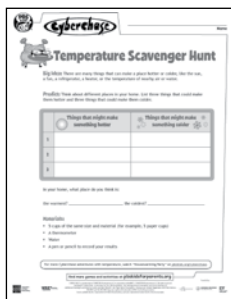
Does it take you more time to hop or skip across the room?



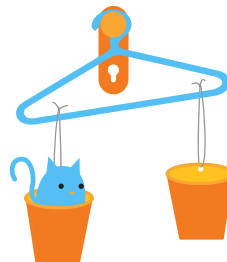
A Measuring Game



How many inches tall is the door to your home? How many feet tall is it?



Temperature Scavenger Hunt



Create a pan balance using a hanger, string, and paper cups.



Measuring Things Without a Ruler

Grades 1-2

Find more games and activities at pbs.org/parents/learn-at-home



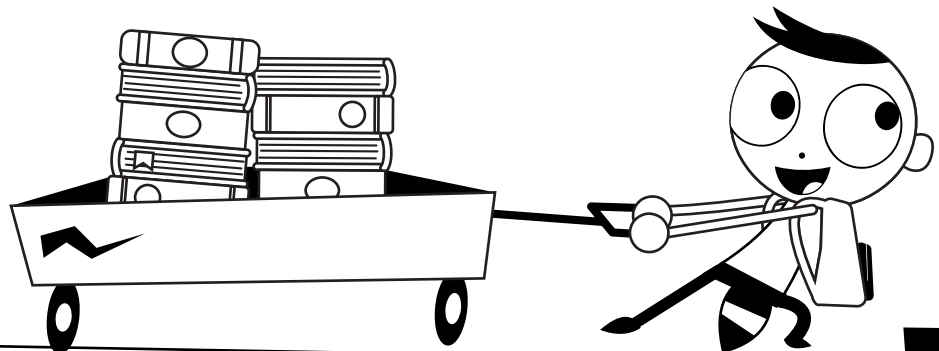
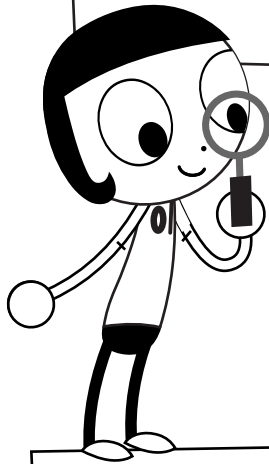
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Learn at Home with PBS KIDS

Measuring

BINGO





Learn at Home with PBS KIDS

**Week of
May 17th**

Hello, Families!

Welcome to **Learn Along Bingo!** We're happy to share PBS KIDS activities with you and to work with PBS member stations and community partners across the country to help support learning at home. With Learn Along Bingo, children can view, explore, and play as they learn alongside their PBS KIDS friends on the PBS KIDS 24/7 channel. We hope your family will use it to inspire learning each and every day.

It's All About Measuring Week!

In this packet, there are printable activities and everyday learning ideas for you and your child to choose from. As you complete each square, mark it off to celebrate the learning.

Learning Spotlight: Measuring

Children will learn that they can measure objects (with standard and nonstandard units of measurement).

Show What You Know: A Measuring Game

The last activity in this packet is a perfect way for children to learn about how to measure.

Tune in: Watch ODD SQUAD at 8pm ET on Tuesday, May 18th on the PBS KIDS 24/7 channel.

Ready for more? Watch your favorite PBS KIDS shows on the 24/7 channel and live stream at pbskids.org/video/livetv or on your local PBS station.

Happy learning!
PBS KIDS



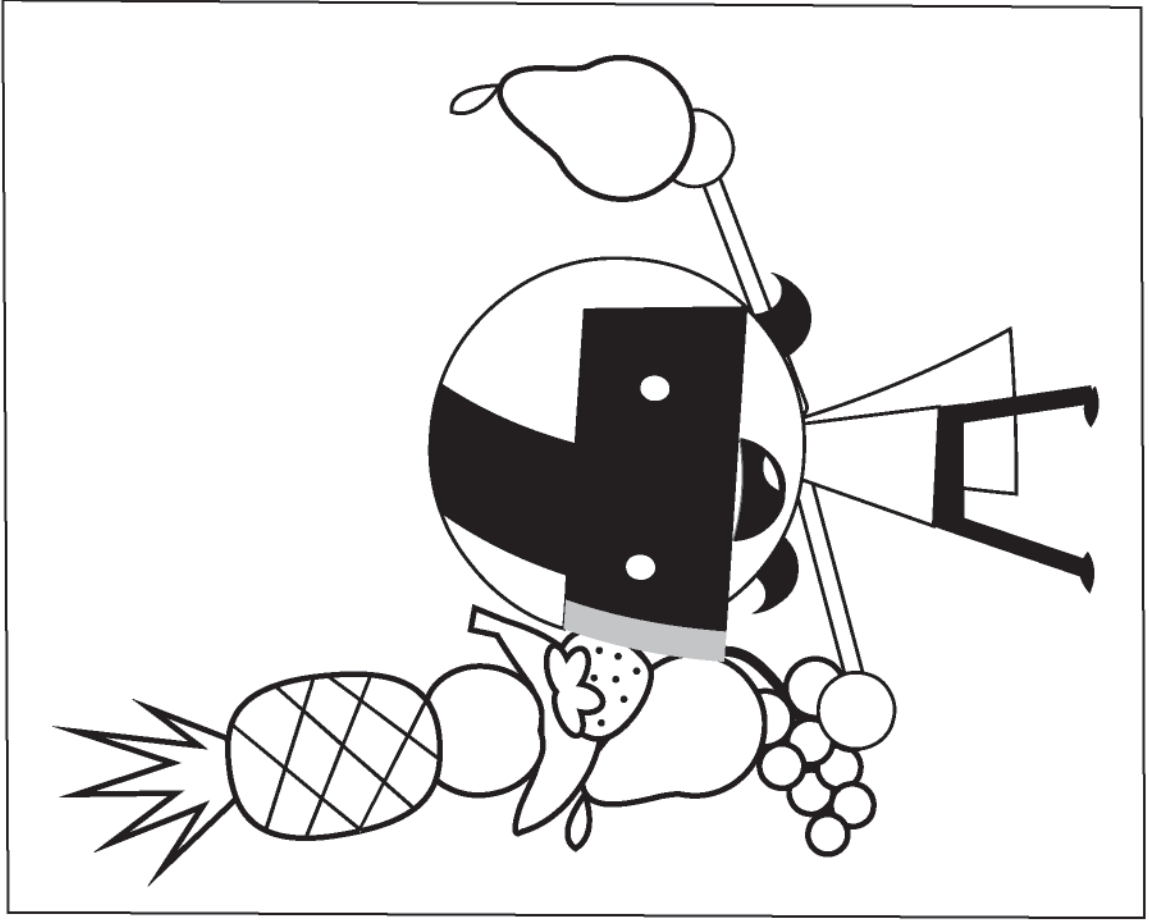
Find free activities, articles and tips to support at-home learning on pbskidsforparents.org

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Comparing Weights

(Name)

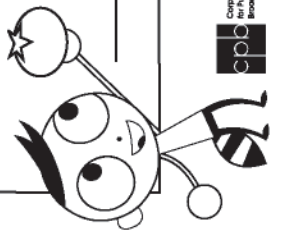


Fold here

Draw here. 

A tomato is lighter than...

but heavier than...



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Find more games and activities at pbskidsforparents.org

Draw here.



My pillow is heavier than...



Fold here

Draw here.



A pencil is lighter than a...



Draw here.



A car is heavier than...

but lighter than...

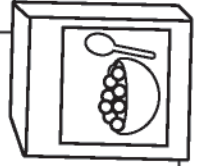


Fold here

Draw here.



A cereal box weighs the same as...





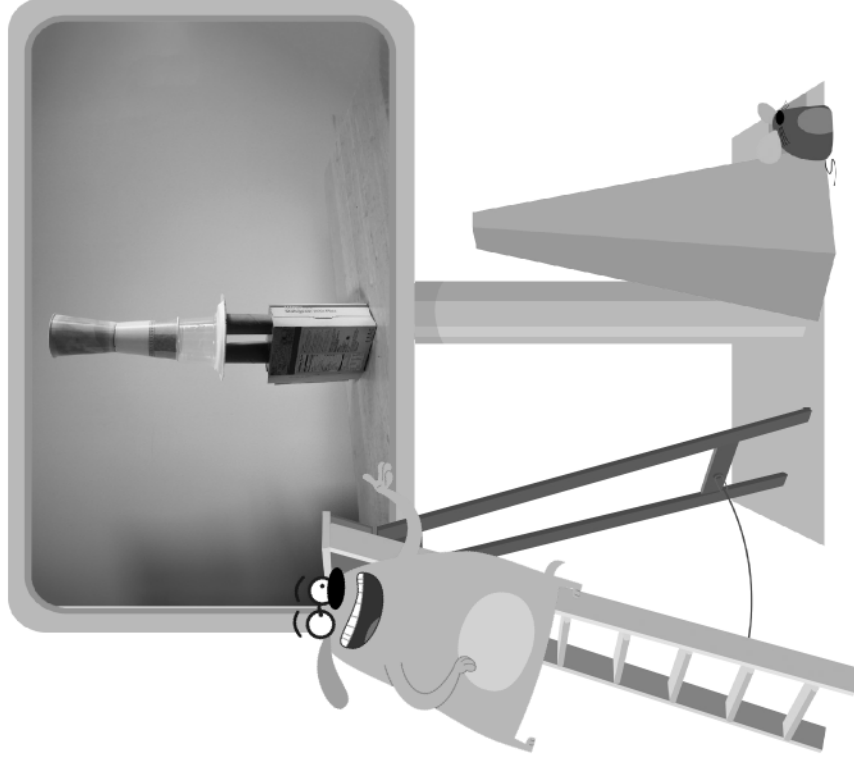
Tower Time

Kid Description: Grab a grown-up and some friends for this building game. Can you stack a tall, stable tower?

This activity is best played on the floor with two to four players. If you have more than four players, break up into teams. If you have kids with motor issues or who otherwise cannot participate, ask them to help take measurements or document.

Wonder

- ★ Sit in a circle and pass around the materials. Give everyone one material to explore.
- ★ Ask kids to use their senses to explore each material.
 - Ask: What are these materials?
 - Ask: Let's investigate how strong these materials are. Try tapping them on the floor. Do they feel strong?
 - Ask: Which pieces would make a good base? A base is something wide and strong that goes on the bottom to make the whole tower strong.
 - Ask: Based on your explorations, which materials do you predict will work best for a tower? Would you put them on the top or bottom of a tower? Why?
- ★ Put the materials back into a box/bag before explaining the rules.



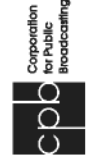
Explore:

structural science (shape of structure affects stability), material properties, engineering **design process** (define a problem, create, test, and improve)

Materials:

- Gather up a bunch of household items with different structural elements: wide bases, thin bases, surfaces, heavy things, and light things. Here are some suggestions, but feel free to use your own!
- Building materials: cardboard tubes, cereal boxes, plastic bottles, paper plates, card stock, paper/plastic cups, shoe boxes
- Measuring Tape/Ruler
- If you are playing this as a competition, you'll need a set of duplicate materials for each team.

Find more games and activities at pbskidsforparents.org





Tower Time

Name _____

Measure the height of your tower. Then draw your finished tower in the space provided.

How tall is your tower? _____ inches

Large empty rectangular box for drawing the tower.



Find more games and activities at pbskidsforparents.org






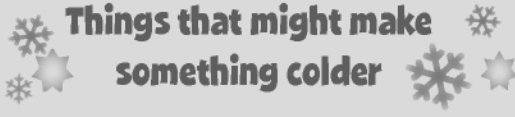
Name _____



Temperature Scavenger Hunt

Big Idea: There are many things that can make a place hotter or colder, like the sun, a fan, a refrigerator, a heater, or the temperature of nearby air or water.

Predict: Think about different places in your home. List three things that could make them hotter and three things that could make them colder.

| |  Things that might make something hotter |  Things that might make something colder |
|---|---|--|
| 1 | | |
| 2 | | |
| 3 | | |

In your home, what place do you think is:

the warmest? _____ the coldest? _____

Materials:

- 5 cups of the same size and material (for example, 5 paper cups)
- A thermometer
- Water
- A pen or pencil to record your results

For more *Cyberchase* adventures with temperature, watch "Housewarming Party" on pbskids.org/cyberchase.

Find more games and activities at pbskidsforparents.org

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Name _____

Temperature Scavenger Hunt

Investigate:

1. Label each cup with a letter from A-E, giving each cup a different letter.
2. Pour water in each cup so that they are about half full.
3. Use your thermometer to measure the starting temperature of the water in each cup. Record the temperature on the "Results" page.
4. Place each cup of water in a different location around your home.
5. Leave your cups in their locations for about 3 hours.

TIPS:

- Look for very warm and very cool places around your home.
- Don't put the cup anywhere where it will melt and don't touch anything too hot or too cold with your hands!
- Try to find places that will stay the same temperature for a few hours.

Record:

1. After about 3 hours, go back to your cups.
2. Use a thermometer to measure the temperature of the water in each cup.
3. Record your results on the "Results" page.

Reflect:

1. In what location did the water become the hottest? In what location did the water become the coolest? What things about the location of each cup made it warm or cold?
2. How much hotter was your highest temperature from the starting temperature of the water in that cup? How do you know? degrees
3. How much cooler was your coldest temperature from the starting temperature in that cup? How do you know? degrees
4. How do you keep yourself cool in the summer? How do you stay warm in the winter?

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Name _____

Temperature Scavenger Hunt RESULTS

1. Record your results in the chart below.

| Cup # | Location | Starting Temperature | Ending Temperature | Difference Between Starting and Ending Temperatures |
|-------|----------|----------------------|--------------------|---|
| A | | | | |
| B | | | | |
| C | | | | |
| D | | | | |
| E | | | | |



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Name _____

Temperature Scavenger Hunt RESULTS

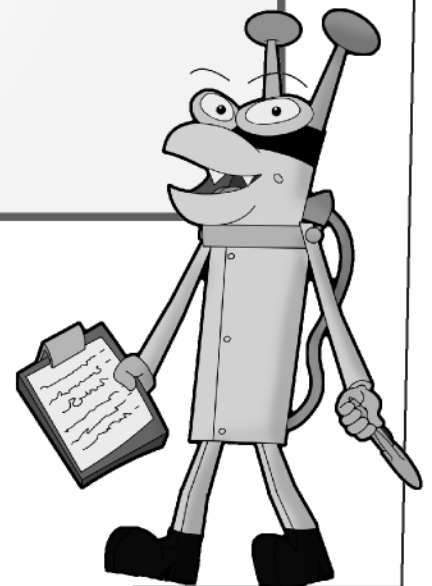
2. Put each of your cups on the thermometer below by writing the cup letter near the ending temperature for each cup. (For example, if your ending temperature for cup A was 80 degrees, write "A" close to the 80 degree mark. If the ending temperature for cup B was 70 degrees, write "B" by the 70 degree mark.)

Observations: Describe with words or draw anything that you think heated or cooled the water in each location.



3. Look at your findings above. Subtract your coldest temperature from your warmest temperature. What is the difference between the two?

- Warmest Ending Temperature: degrees
- Coldest Ending Temperature: $-\text{ degrees$
- Difference: degrees



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Measure Things Without a Ruler

Name _____

Practice measuring items around your house without using a ruler. Choose one object and three unique tools to measure it with. Complete the chart with the objects you measured, the tool you measured with, and how many of each tool it took you to measure the object. What surprised you? When you measured objects, what was challenging about the activity?

| OBJECT | MEASURING TOOL | HOW MANY? |
|--|----------------|-----------|
|  <p>book</p> | book | 2 |
| | my shoe | 18 |
| | empty box | 6 1/2 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
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| | | |
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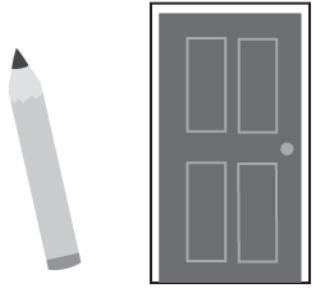





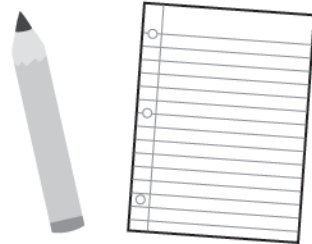

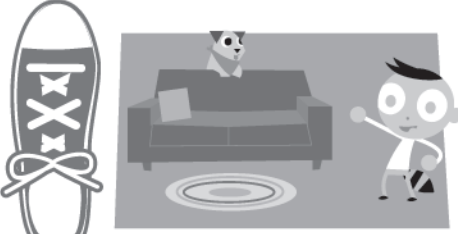


A Measuring Game

Name _____

People use rulers and measuring tapes to measure things in inches and feet when we measure in **standard units of measurement**. For this activity, you will practice measuring objects using a **non-standard unit of measurement** (something unique). You will measure objects to identify how tall, long, or wide they are.

Important Tip: Do not leave space between your measuring tool as you measure the object.

| | | |
|---|--|---|
|  <p>Use a pencil to measure the height of a door: _____</p> |  <p>Use your hand to measure the height of a chair: _____</p> |  <p>Use a shoe to measure the height of a cup: _____</p> |
|  <p>Use a pencil to measure the length of a table: _____</p> |  <p>Use your hand to measure the length of your shoe: _____</p> |  <p>Use a shoe to measure the length of a stick: _____</p> |
|  <p>Use a pencil to measure the width of a piece of paper: _____</p> |  <p>Use your hand to measure the width of a plate: _____</p> |  <p>Use a shoe to measure the width of the room: _____</p> |

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Learn at Home with PBS KIDS

Schedule Begins May 3, 2021

Explore reading, math, science, life lessons, and more on the PBS KIDS 24/7 channel and live stream! The TV schedule below offers you and your child a chance to learn anytime alongside your friends from PBS KIDS.

| TIME (M-F) | SHOW | GRADE | LEARNING GOALS |
|--------------------|--|-------|---|
| 6/5c am | The Cat in the Hat Knows a Lot About That! | PK-1 | Science & Engineering |
| 6:30/5:30c am | Ready Jet Go! | K-2 | Science & Engineering |
| 7/6c am | Peg + Cat | PK-K | Math |
| 7:30/6:30c am | Super WHY! | PK-K | Literacy |
| 8/7c am | Daniel Tiger's Neighborhood | PK-K | Social & Emotional Learning |
| 8:30/7:30c am | Daniel Tiger's Neighborhood | PK-K | Social & Emotional Learning |
| 9/8c am | Sesame Street | PK-K | Literacy, Math, Social & Emotional Learning |
| 9:30/8:30c am | Elinor Wonders Why | PK-K | Science & Engineering |
| 10/9c am | Clifford the Big Red Dog | PK-K | Social & Emotional Learning, Literacy |
| 10:30/9:30c am | Dinosaur Train | PK-K | Science |
| 11/10c am | Let's Go Luna! | K-2 | Social Studies |
| 11:30/10:30c am | Nature Cat | K-3 | Science |
| 12 pm/11c am | Nature Cat | K-3 | Science |
| 12:30 pm/11:30c am | Xavier Riddle and the Secret Museum | K-2 | Social & Emotional Learning |
| 1/12c pm | Molly of Denali | K-2 | Literacy |
| 1:30/12:30c pm | Hero Elementary | K-2 | Science & Engineering |
| 2/1c pm | Cyberchase | 1-5 | Math & Science |
| 2:30/1:30c pm | Pinkalicious & Peterrific | PK-1 | The Arts |
| 3/2c pm | Pinkalicious & Peterrific | PK-1 | The Arts |
| 3:30/2:30c pm | Elinor Wonders Why | PK-K | Science & Engineering |
| 4/3c pm | Donkey Hodie | PK-K | Social & Emotional Learning |
| 4:30/3:30c pm | Curious George | PK-K | Math, Science & Engineering |
| 5/4c pm | Curious George | PK-K | Math, Science & Engineering |
| 5:30/4:30c pm | Xavier Riddle and the Secret Museum | K-2 | Social & Emotional Learning |
| 6/5c pm | Molly of Denali | K-2 | Literacy |
| 6:30/5:30c pm | Hero Elementary | K-2 | Science & Engineering |

Access FREE, at-home learning activities, tips, and more on pbskidsforparents.org



Learn at Home with PBS KIDS

Play and learn anytime and anywhere with free apps from PBS KIDS! Use the chart below to find the app that aligns to your child's grade, learning goal, and favorite PBS KIDS show - then download it on your on your mobile or tablet device to play online, offline, or anytime.

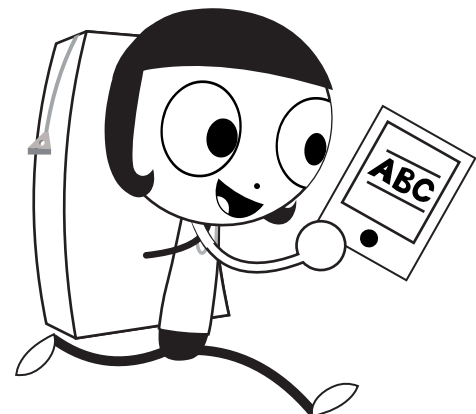


Apps for Social & Emotional Learning

| | | |
|--------------------------|------|-----------------------------|
| Daniel Tiger for Parents | PK-K | Social & Emotional Learning |
| PBS KIDS Games app | K-2 | Multiple Learning Goals |
| PBS KIDS Video app | K-2 | Multiple Learning Goals |

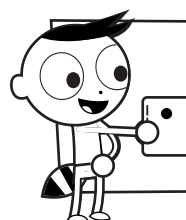
Apps for Literacy Learning

| | | |
|-----------------------|------|-------------------------|
| Dinosaur Train A to Z | PK-K | Literacy, Science |
| Molly of Denali | K-2 | Literacy |
| PBS KIDS Games app | K-2 | Multiple Learning Goals |
| PBS KIDS Video app | K-2 | Multiple Learning Goals |



Apps for STEM Learning (Science, Technology, Engineering & Math)

| | | | | | |
|------------------------------------|------|-------------------------|------------------------------|-----|-------------------------|
| PBS Parents Play & Learn | PK-K | Literacy, Math | Ready Jet Go! Space Explorer | K-2 | Science |
| Play & Learn Engineering | PK-K | Science and Engineering | Ready Jet Go! Space Scouts | K-2 | Science and Engineering |
| Play & Learn Science | PK-K | Science | Nature Cat's Great Outdoors | K-3 | Science |
| Splash and Bubbles for Parents | PK-K | Science | PBS KIDS ScratchJr | 1-2 | Coding |
| Splash and Bubbles Ocean Adventure | PK-K | Science | Outdoor Family Fun with Plum | 1-3 | Science and Engineering |
| The Cat in the Hat Builds That! | PK-K | Science and Engineering | Cyberchase Shape Quest | 1-5 | Math, Science |
| The Cat in the Hat Invents | PK-K | Science and Engineering | PBS KIDS Games app | K-2 | Multiple Learning Goals |
| Jet's Bot Builder: Robot Games | K-2 | Science and Engineering | PBS KIDS Video app | K-2 | Multiple Learning Goals |
| Photo Stuff with Ruff | K-2 | Science | | | |



pbskids.org/apps

