



### Learn at Home with PBS KIDS

Week of December 14th

### 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 Sharing Your Creativity 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: Making and Experiencing Music and Movement

This week, we're learning about how making and experiencing music and movement helps us express ourselves, alone or with others.

#### Show What You Know: Design an Instrument Activity

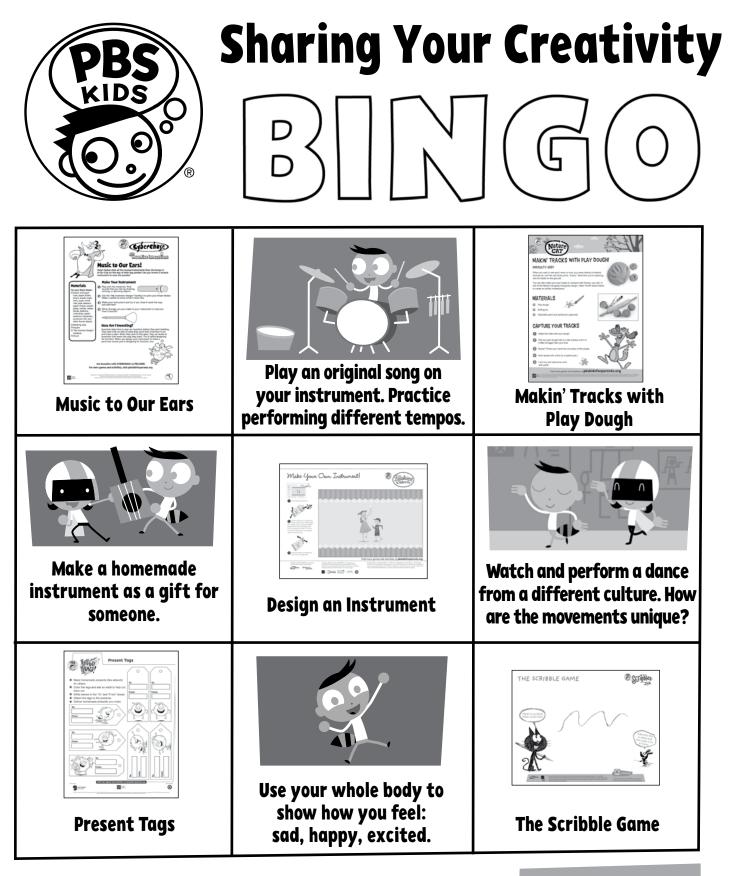
The last activity in this packet is a perfect way for children to make an instrument and create their own songs.

**Tune in:** Watch PINKALICIOUS AND PETERRIFIC at 3pm ET on Tuesday, December 15th 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







Corporation for Public Broadcasting



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

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Materials

For your Music Maker:

beans, beads, jingle

bells, paper towel

rolls, pipe cleaners,

bands, balloons,

Masking tape

handout

□ Stapler

Pencil

craft sticks, plastic salad bar containers, aluminum foil, and other found objects

"My Invention Design"

paper straws, waxed paper, combs, rubber

 plastic and paper cups, paper plates,



## **Music to Our Ears!**

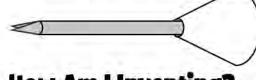
Help! Hacker stole all the musical instruments from the borgs in R-Fair City on the day of their big parade! Can you invent a musical instrument to save the parade?

#### **Make Your Instrument**

Play with the materials. Find sounds that you like by shaking, striking, or spinning objects.

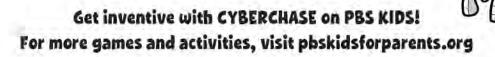


- Use the "My Invention Design" handout to plan your Music Maker. Make a sketch to show what it looks like.
- Make your instrument and try it out. Does it work the way you planned?
- What changes can you make to your instrument to improve how it sounds?



### How Am I Inventing?

Inventors take time to plan an invention before they start building. They start with an idea of what they want their invention to do and make a plan. When they stick to that plan, they can build an invention that works the way they want. This is called *designing for function*. When you design your instrument to make a particular sound, you're designing for function, too.



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Ideas to Get You Started...

#### Kazoo

- Cut out a piece of waxed paper big enough to fit over one end of a cardboard tube (toilet paper or paper towel roll).
- Securely wrap the piece of waxed paper around one end of the tube and use a rubber band to hold it in place.
- Make sure that there are no gaps between the waxed paper and the tube. If the paper feels loose, use more rubber bands.
- Using a pencil, carefully punch a hole in the side of the tube near the waxed paper.
- · Hum or sing into the opposite, open end of the tube.

#### Straw Oboe

- Flatten the last ½ inch of a straw with your fingers.
- Cut off the top 2 corners of the flattened portion of the straw so that it looks like an upside down V.
- Place the V end in your mouth.
- Tighten your lips and blow through the straw.
  - Do you hear a buzzing noise?
- Now cut off an inch of the straw end not in your mouth.
- Listen to the sound your shorter straw makes. What do you notice about the sound? How did it change?

#### Straw Trombone

- Make a Straw Oboe.
- Place the Straw Oboe inside a larger straw, with the mouth end sticking out.
- Blow through the Straw Oboe and slide the large straw to change the pitch.

#### Straw Oboe Megaphone

- Make a Straw Oboe.
- Cut out a small hole at the bottom of a snow cone cup. Make sure it is just big enough for your Straw Oboe to fit through.
- Place your Straw Oboe through the snow cone cup with the mouth end sticking out of the pointed end of the cup. Tape it together with masking tape.
- Blow through the Straw Oboe and notice what happens.

#### Goose Call

- Tie a piece of yarn to a paper clip.
- Have an adult help you poke a hole in the bottom center of a plastic cup.
- Thread the other end of the yarn through the hole in the bottom of the cup so the paper clip is inside the cup.
- Wet your thumb and first finger with water.
- While holding the cup in your dry hand, pinch the yarn where it reaches the cup.
- Pull down on the yarn away from the cup, letting it slide through your fingers.

#### **Pluck Drums**

- Get a plastic cup.
- Get a balloon and cut off the end where you blow into it.
- Stretch the balloon and then place over the top of the cup. The balloon's rubber should be stretchy enough to hold it in place.
- Pinch a little of the balloon over the top of the cup between your thumb and index finger.
- Pull up slightly and let go.

#### Get inventive with CYBERCHASE on PBS KIDS! For more games and activities, visit pbskidsforparents.org

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Materials I need to make my invention:

## **My Invention Design**

Name of my invention:

Sounds I want my invention to make:

What my invention will look like:

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## MAKIN' TRACKS WITH PLAY DOUGH!

#### DIFFICULTY: EASY

When you walk in wet sand, snow or mud, you leave behind a footprint. Animals do, too! We call those prints, "tracks." Next time you're exploring, look for tracks on the ground!

You can also make your own tracks to compare with friends, your pet, or one of the Nature Cat gang! Using play dough, make YOUR nature tracks to create an artistic masterpiece!



## MATERIALS

- Play dough
- Rolling pin
- Washable paint and paintbrush (optional)

### CAPTURE YOUR TRACKS



Make two balls with your dough.

- Roll out each dough ball on a flat surface until it is a little bit bigger than your foot.
- Ready? Press your hand into one piece of the dough.
- Now repeat with a foot (or a patient pet.)
- Let it dry and add some color with paint!



#### Find more games and activities at pbskidsforparents.org

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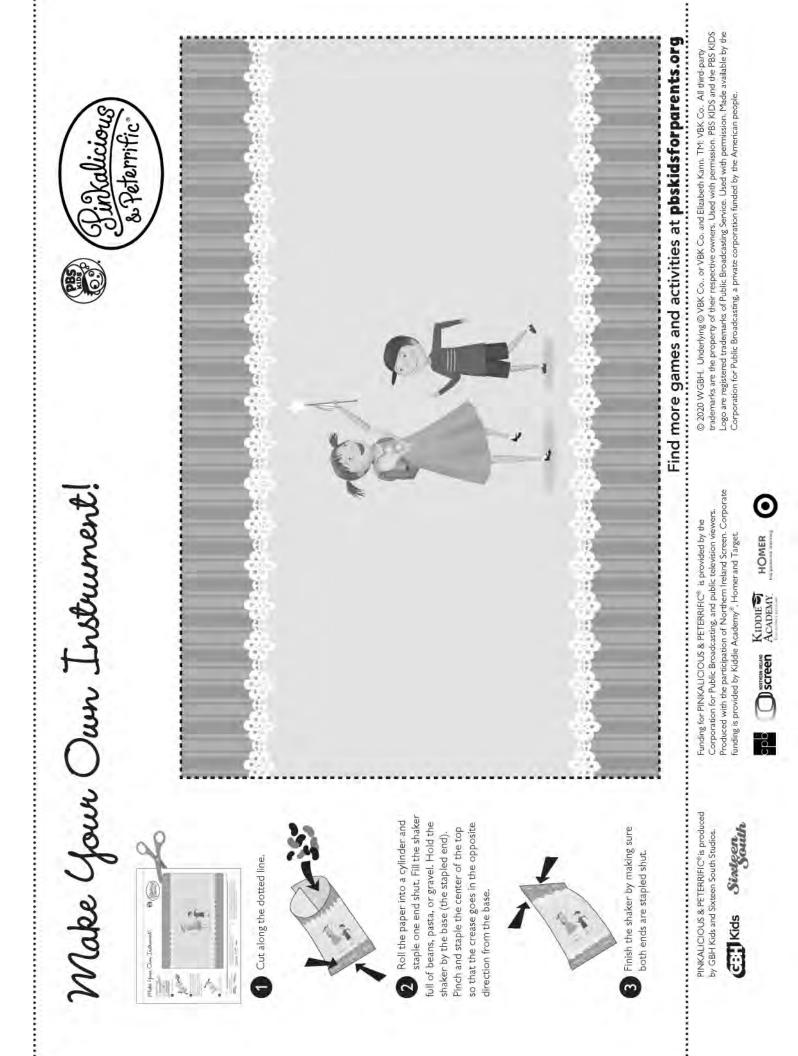


### **Present Tags**

\* Make homemade presents (like artwork) To: To: for others. \* Color the tags and ask an adult to help cut them out. From: From: \* Write names in the "To" and "From" boxes. \* Attach the tags to the presents. \* Deliver homemade presents you make. To: From: To: From: To: From: From: From: ë ë Find more games and activities at pbskidsforparents.org Produced by: Sponsored by: 9 STORY

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Learn at Home with PBS KIDS

Schedule Begins October 5, 2020

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 favorite PBS KIDS characters.

| TIME (M-F)         | SHOW  | GRADE |   |
|--------------------|---|-------|---|
| 6/5c am            | Splash and Bubbles                            | РК-К  | Science                                     |
| 6:30/5:30c am      | WordWorld                                     | РК-К  | Literacy                                    |
| 7/6c am            | Peg + Cat                                     | РК-К  | Math  |
| 7:30/6:30c am      | Peep and the Big Wide World                   | РК-К  | Science                                     |
| 8/7c am            | Sid the Science Kid                           | РК-К  | Science                                     |
| 8:30/7:30c am      | Super WHY!                                    | РК-К  | Literacy                                    |
| 9/8c am            | Pinkalicious & Peterrific                     | PK-1  | The Arts                                    |
| 9:30/8:30c am      | Clifford the Big Red Dog                      | РК-К  | Social & Emotional Learning, Literacy       |
| 10/9c am           | Let's Go Luna!                                | K-2   | Social Studies                              |
| 10:30/9:30c am     | Dinosaur Train                                | РК-К  | Science                                     |
| 11/10c am          | The Cat in the Hat Knows<br>a Lot About That! | PK-1  | Science & Engineering                       |
| 11:30/10:30c am    | Martha Speaks                                 | K-2   | Literacy                                    |
| 12 pm/11c am       | Nature Cat                                    | K-3   | Science                                     |
| 12:30 pm/11:30c am | Ready Jet Go!                                 | K-2   | Science & Engineering                       |
| 1/12c pm           | Arthur  | K-2   | Social & Emotional Learning                 |
| 1:30/12:30c pm     | Odd Squad                                     | K-2   | Math  |
| 2/1c pm            | Cyberchase                                    | 1-5   | Math  |
| 2:30/1:30c pm      | Molly of Denali                               | K-2   | Literacy                                    |
| 3/2c pm            | Pinkalicious & Peterrific                     | PK-1  | The Arts                                    |
| 3:30/2:30c pm      | Elinor Wonders Why                            | РК-К  | Science & Engineering                       |
| 4/3c pm            | Sesame Street                                 | РК-К  | Literacy, Math, Social & Emotional Learning |
| 4:30/3:30c pm      | Daniel Tiger's Neighborhood                   | РК-К  | Social & Emotional Learning                 |
| 5/4c pm            | Curious George                                | РК-К  | Math, Science & Engineering                 |
| 5:30/4:30c pm      | Curious George                                | РК-К  | Math, Science & Engineering                 |
| 6/5c pm            | Wild Kratts                                   | K-2   | Science                                     |
| 6:30/5:30c pm      | Wild Kratts                                   | K-2   | Science                                     |

#### 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.

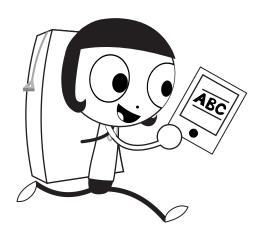
#### **Apps for Social & Emotional Learning**

| 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 |  |

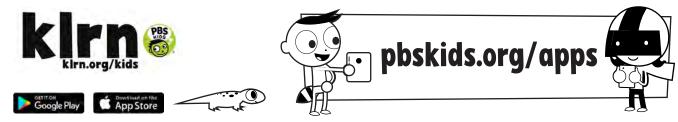




#### Apps for STEM Learning (Science, Technology, Engineering & Math)

| PBS Parents<br>Play & Learn           | PK-K | Literacy, Math          |
|---------------------------------------|------|-------------------------|
| Play & Learn Engineering              | PK-K | Science and Engineering |
| Play & Learn Science                  | PK-K | Science                 |
| Splash and Bubbles<br>for Parents     | PK-K | Science                 |
| Splash and Bubbles<br>Ocean Adventure | PK-K | Science                 |
| The Cat in the Hat<br>Builds That!    | PK-K | Science and Engineering |
| The Cat in the Hat<br>Invents         | PK-K | Science and Engineering |
| Jet's Bot Builder:<br>Robot Games     | K-2  | Science and Engineering |
| Photo Stuff with Ruff                 | K-2  | Science                 |

| Ready Jet Go!<br>Space Explorer | K-2 | Science                 |  |  |
|---------------------------------|-----|-------------------------|--|--|
| Ready Jet Go!<br>Space Scouts   | K-2 | Science and Engineering |  |  |
| Nature Cat's<br>Great Outdoors  | K-3 | Science                 |  |  |
| PBS KIDS ScratchJr              | 1-2 | Coding                  |  |  |
| Outdoor Family Fun<br>with Plum | 1-3 | Science and Engineering |  |  |
| Cyberchase Shape Quest          | 1-5 | Math, Science           |  |  |
| PBS KIDS Games app              | K-2 | Multiple Learning Goals |  |  |
| PBS KIDS Video app              | K-2 | Multiple Learning Goals |  |  |



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