

How to Make Your ZOOMerang

You can print out your ZOOMerang and make it into a little booklet.

Here's how:

- Print all the ZOOMerang pages.
- Cut out each page along the dotted lines.
- Tape pages 1–6 together from end to end so that you have a long row.
- Tape pages A–F together to make a second long row.
- Lay one row face down on a table and put some glue on the back of the pages.
- Place the second row on top of the first row. The printed part of the second row should face you.
- Smooth out the glue with your hand.
- Let it dry and then fold your ZOOMerang where the pages join together.



What You Need

- scissors
- tape
- glue

Voilà!



Is your sock drawer smelling less than fresh? Here's a way to make your own air freshener. (Your family will thank you.)

What You Need
masking tape
a lemon or an orange
whole cloves
small bowl
3 tablespoons cinnamon
3 tablespoons nutmeg
ribbon

Pomander

Use two strips of masking tape to divide your fruit into four quarters. **Push** the whole cloves into your fruit. Don't put any cloves through the tape. If you're having trouble, use a toothpick to make the holes before you stick the cloves in. **Fill** each section.

Take off the tape. **Put** the cinnamon and nutmeg in a bowl and **roll** the fruit in the spices. This will make it smell extra nice. **Wrap** the ribbon around the fruit in

the places where the masking tape was. **Make** a bow at the top. **Hang** the pomander up or put it away for a few weeks to let it harden. Then **put** it somewhere where it can do its job.

Do you know how to make any cool ZOOMdos? Send the directions to ZOOM, Box 350, Boston, MA 02134.

thanks to Katie F.
of West Springs, IL



What do you call a camel with no humps?

(from David J. Sullivan's Island, SC)
Humphrey



Cafe



Cricket Thermometer

Did you know that a cricket can tell you the temperature? Megann H. of North Little Rock, AR told ZOOM that most crickets chirp faster when it's hot outside. To find out the temperature, count the number of chirps in 13 seconds and then add 40 to this number. Use a regular thermometer to test your results. How close were you? The number may not be exact because different kinds of crickets chirp differently and some crickets chirp when they feel threatened. But this formula should get you pretty close to the temperature. Try it and see if it works! And if you have a different cricket thermometer formula, send it to ZOOM.

sci™

What You Need: packet of yeast • 1/2 cup

Pretz



Preheat the oven to 425 degrees. Be sure to ask an adult for help or permission to use the oven. **Mix** the yeast, water, sugar, and salt together. Yeast smells weird but the pretzels will taste good. **Add** the flour. **Knead** the dough with your hands on a floured surface until it's smooth.

Tear off pieces and make them into shapes, like your initials, or twist them around. **Be** careful, if you make the pieces too thick they'll be doughy and if they're too thin, they'll break. About 1 inch is a good size.

Put them on a cookie sheet. **Mix** an egg and brush it on the pretzels (you can use the back of a spoon). **Sprinkle** them with extra salt.

Bake the pretzels for 12–15 minutes or until they're golden brown. When they're done, carefully **remove** them from the oven and let them cool.

Send the recipes for your own CafeZOOM creations to ZOOM, Box 350, Boston, MA 02134 or www.pbs.org/zoom.

Sent in by Dana P.
of Poulsbo, WA



These pretzels taste good, soft on the top and crunchy on the bottom.



1/2 cups slightly warm water • 1 tablespoon sugar • 1 tablespoon salt • 4 cups flour • 1 egg



Rubber Band Stamps

Cut the rubber bands into pieces and **tape** them to the cardboard in a design.
Make the design as wild as you want. Make sure the rubber band pieces don't overlap so you have a flat surface and all of the design will show.



Color the rubber bands with markers or press them into the ink from your stamp pad. Then take out your paper and **stamp away**. You can make a border around a piece of paper or stamp the whole sheet—basically do whatever you want!
Join the stampede. Send your rubber band-stamped stationery to ZOOM, Box 350, Boston, MA 02134. Tell us how to make other ZOOMdos too.

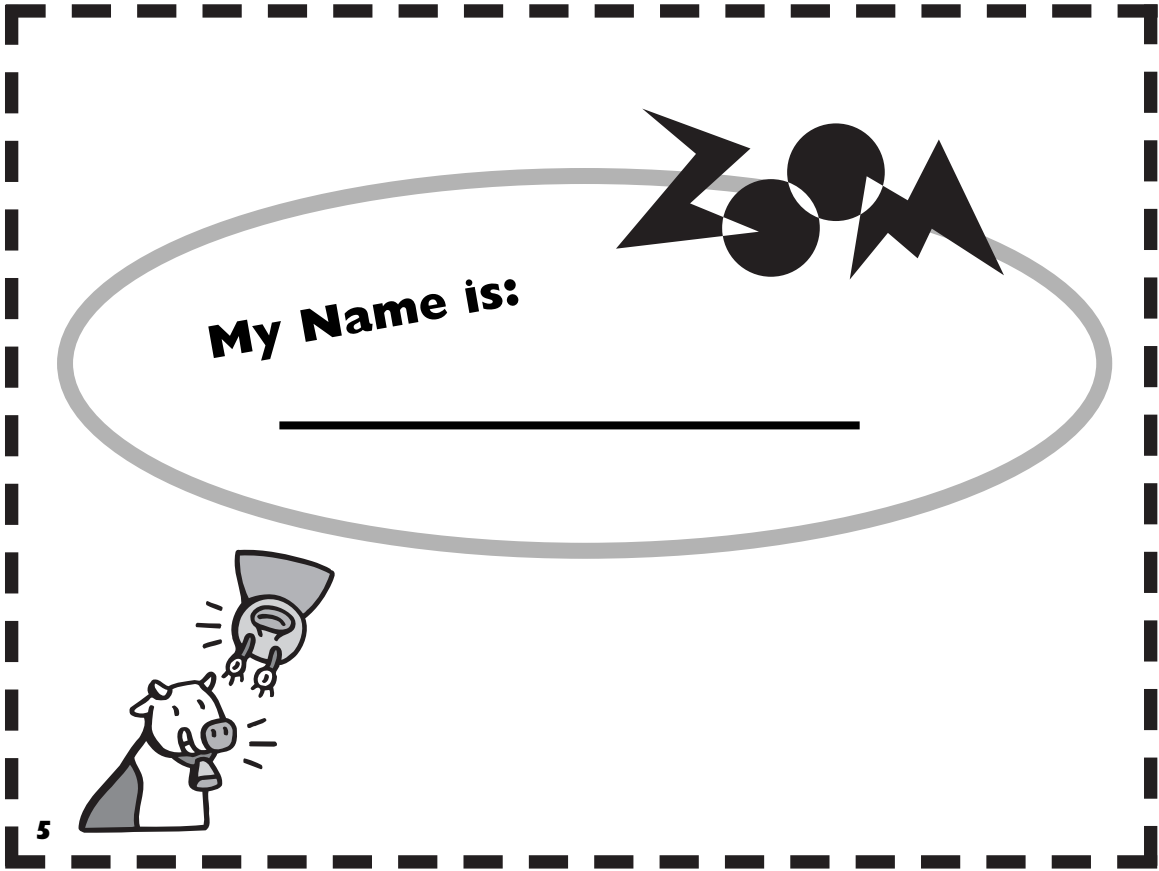


What You Need

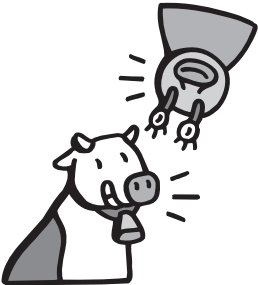
scissors • rubber bands • double-sided tape •
cardboard • stamp pads with washable ink or
washable markers • paper (to decorate)

sent in by Becca S. of Livingston, NJ

If you want to make letters of the alphabet, make sure you tape the letter on backwards, so when you stamp it, it prints forward.



My Name is:





Zoomerang™



The Arthur
Vining Davis
Foundations





How would you describe what you're like?

Outgoing, playful, great to chill with.

What's your favorite thing to do on ZOOM?

Besides working with a great cast, I love the ZOOMgames.

When you're not taping ZOOM, what do you like to do?

Play basketball, watch TV, hang with friends.

If you had something named after you, what would it be?

A car, the "PJ2000" (Pablo Jr.).

What animal most resembles you?

A wolf.

What kind of music or dancing do you and your family like?

Salsa, merengue, reggae, and bolero.

Who from history or the present day would you most like to meet?

Jim Carrey.

Pablo

A

Fact or Fake?



thanks to Bart H. of Kearns, UT

Moldy

What's the deal with mold? Have you ever really looked at it? Is it always the same? And why is it covering that cheese sandwich you left in your backpack six months ago?

Here's a really gross way to find out. Try putting different kinds of food together in a

Mold is:

- a** an alien life form that lives off your expired food and plots to take over the world
 - b** an Earth life form that eats your food
 - c** your little brother's way of making you say "Ewwwwww!"
- Believe it or not, "B" is the answer—mold is a living thing that floats around the air or hangs out on surfaces in your home. If it has the right temperature, water, and food, then it can grow and (yeesh) reproduce. Different types of mold eat different things and grow in different colors. ▶

B

Try another experiment.

Think of a question you want to answer, like how does temperature affect mold growth? Predict what you think will happen and test your question. Then send your results (but not the actual mold) to ZOOM, Box 350, Boston, MA 02134 or www.pbs.org/zoom.

Soup

disposable container. ZOOM used graham crackers, bread, and carrots, but you can use anything you have handy. Sprinkle some water over the food to keep it moist. Then cover the container with plastic wrap. Use a rubber band to keep it tightly sealed. Check it every day to see what it looks like.

Luuk and Sebastian K. of Chappaqua, NY made some **Moldy Soup**

to find out if light and water change the way mold grows. They tested their ideas by each setting up two bags—one with bread sprinkled with just a little water and one with bread soaked with water. Luuk put his bags in the light and Sebastian put his in the dark.

On day 2, Luuk saw a little mold on his pieces of bread that were in the light. It wasn't until day 4 that Sebastian's bread finally began to grow mold. Their experiment ended on day 6 when they decided that Luuk's bread grew more mold than Sebastian's because Luuk's was left in the light.

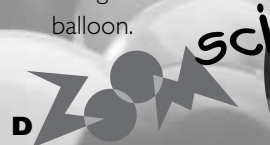
They also found that the bread soaked in water grew less mold than the bread sprinkled with water: **Why do you think that happened?** Try it and see what happens to yours.



Balloon Blast Off

Dear ZOOM,
I have an idea for your show. See if you can hit a target across the room using balloons, straw, tape, and a long piece of string.
Mallory B., Lincolnton, GA

Pablo and Alisa tried a bunch of different ways to get a balloon to hit the target. When they first blew up a balloon and let it go, it went everywhere because there was no way to control how it moved. When you try it, think of how you can use the string to direct the balloon.



sent in by Liz L. of Acton, MA

If Plums Were Green

If plums were green, then pears would be purple.
If oranges were red, then apples would be orange.
The sun would be pink and the moon would be fudge.
Cows would be turquoise and red,
and golden retrievers would be silver.
Red would be yellow and silver would be gold.
Everything is nothing and something is not.
Servants would be served and kings would be paupers.
Time would stand still and centuries would fly.

We want your illustrated stories, so if you've got the write stuff, send it to ZOOM!

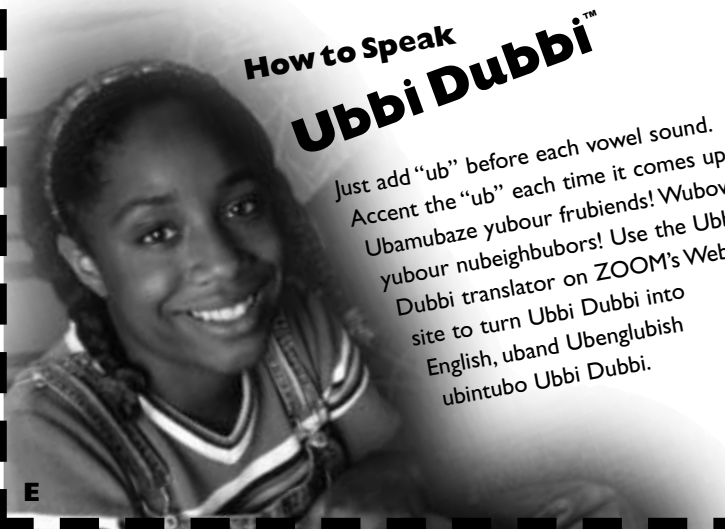
The Web

Metafile: <http://www.pbs.org/wgbh/zoom/>

Check out **www.pbs.org/zoom** to find more CafeZOOMs, ZOOMscis, ZOOMdos, and lots more. Oh, and if you don't have access to the Web at home, you should be able to find it at your school, public library, or the community centers in your neighborhood.

How to Speak Ubbi Dubbi™

Just add "ub" before each vowel sound.
Accent the "ub" each time it comes up.
Ubamubaze yubour frubiends! Wubow
yubour nubeyhubbors! Use the Ubbi
Dubbi translator on ZOOM's Web
site to turn Ubbi Dubbi into
English, uband Ubenglubish
ubintubo Ubbi Dubbi.



E

Why don't fish like
computers?

(from Betty K. Addison, IL)
They are scared of the Internet.

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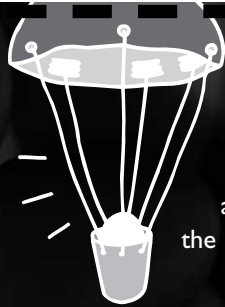
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All submissions become the property of ZOOM and will be eligible for inclusion in all ZOOMmedia. This means that we can share your ideas with other ZOOMers on TV, the Web, in print materials, and in other media. So, send it to ZOOM. Thanks!

Illustrations: Stephen Schudlich
Photos: Mark Ostow

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Christian F. of Winchester, MA challenged ZOOM to make a parachute out of plastic shopping bags, tape, yarn, a paper cup, and scissors. Keiko, Pablo, Zoe, and Lynese put eggs in the cups attached to the 'chutes and launched them. You might want to use pennies if you're inside.



Keiko and Pablo designed their parachute in a balloon shape, so it would catch the air. Zoe and Lynese made a large, flat parachute that floated on the air. Both designs kept the eggs from breaking. Try making and testing your own 'chute. Then think of a question you want answered, like do large parachutes work better than smaller ones? Experiment and tell ZOOM what happened and why.

PARACHUTE



ZOOM Needs You



Be the next Bill Shakespeare. Send ZOOM your short original plays.



What's the coolest game you and your friends ever made up? Tell us how to play it!



What do you want to hear the ZOOMers talk about? Moving? Making friends? Give us stuff to discuss.

Send your ideas to
ZOOM
Box 350
Boston, MA 02134
www.pbs.org/zoom.