

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!

Bugs in My Dinner



A fly came along for my milk
A termite landed smack in my fries
A beetle sat upon my zucchini
Two butterflies dance in my eyes.



A grasshopper wants to eat my spaghetti
A treehopper just jumped in my sauce
I don't know what these bugs are thinking,
I'm gonna show them who is boss!

Sent In by Ryan C. of Neenah, WI



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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!

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Photos: Mark Ostow, Lisa Abitbol

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Café



Butterfly Cake

Make a beautiful butterfly to share
Sent in by Chelsea D.

What You Need

- 13-inch by 9-inch cake
- frosting
- dull knife
- candy for decoration (like coconut, gumdrops, jellybeans, and licorice)
- food coloring
- tray



Make the Butterfly

Take your cake and **cut a strip** about 1 inch wide along one of the short sides of the cake. This strip of cake will be the **butterfly's body**.



Ten Body Parts



See if you can name ten body parts that are spelled with exactly three letters. It's harder than it sounds.

Sent in by Farin of Philadelphia, PA

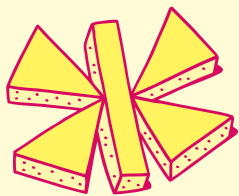


Here's what the ZOOM cast came up with. See if you can think of any more.
Answers: leg, toe, arm, ear, eye, lip, rib, lid, gum, hip

with your friends!

Cut an X across the rest of the cake to **make four triangles**. These triangles will be the **butterfly's wings**.

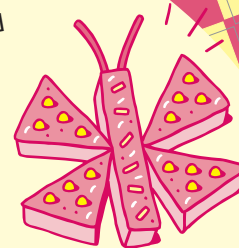
Arrange the cake pieces on a tray to make a **butterfly**.



Decorate the Cake

Cover your butterfly cake with **frosting**. You can use **food coloring** to make the frosting **any color** you want.

You can use gumdrops, jellybeans, shredded coconut, or candy sprinkles to **decorate** your butterfly cake. If you use **shredded coconut**, you can color it with **food coloring** before you put pieces of licorice in the butterfly's head to **make antennae**.



Think of some other animal cakes you can make. Then send your ideas to ZOOM, Box 350, Boston, MA 02134 or pbskids.org/zoom



Find more tasty ZOOM treats at pbskids.org/zoom/cafe
Got party plans? Check out pbskids.org/zoom/party for invitations, games, and more recipes!

Make a Water magnifier



Sent in by Maddy of Lake Oswego, OR

What You Need

- newspaper • plastic wrap
- cup of water • straw

Make Drops with a Straw

Place a straw in a cup of water. Then put your **thumb** over the **top** of the straw. **Lift** the straw **out** of the water. The straw holds the water. Let go of the water one **drop** at a time by lifting your thumb.



Make the Magnifier

Put a sheet of plastic wrap over a sheet of newspaper. Use the straw to place two or three **drops** of water to make one big drop **on the plastic wrap**. Look at

the print **underneath** the water drop. How did it **change**?



Try making magnifiers out of other liquids, like maple syrup or cooking oil. Change one thing (that's the variable) and predict what you think will happen. Then test it out and send your results to pbskids.org/zoom



Science Scoop

When you look at the newspaper through the water, the letters are magnified—that means they look bigger than they really are. The curved drop of water spreads out the rays of light. These spread-out light rays make the letters look bigger to your eye.



This ZOOMerang belongs to:





The Arthur
Young Davis
Foundations



Thanks for
writing to
ZOOM!

ZOOM erang™



KIDS

Homemade Stickers

Stick 'em here,
there, and
everywhere!

Sent in by
Pennie G.
of Fishers, IN



What You Need

- paper • colored pencils or markers
- double-stick tape • wax paper
- scissors

First **draw** a picture or a design on paper. Turn your drawing over and place double-stick tape on the back. The tape can go outside of the lines of your drawing. **Cut** out your design. Then **place** it on wax paper with the **sticky side down**.

You can keep your stickers on the wax paper until you're ready to use them. Then **peel** and **stick!**

What other fun art projects do you know how to make? Tell us about them by writing to ZOOM, Box 350, Boston, MA 02134 or pbskids.org/zoom

Want to do some more ZOOM crafts? Check out the ZOOM Web site at pbskids.org/zoom/do for art projects galore!



Are you a square or a rectangle?

Square Or Rectangle?

Sent in by Andee R. of Boulder, CO

What You Need

- measuring tape or meter stick

Get a friend to **measure** you. Take off your **shoes**. First measure your **height** (the distance from your head to your toes). Then measure your **arm span** (the distance from the longest finger on your left hand to the longest finger on your right hand).

If your height and arm span are about the same, you're a **square**. If they're different, you're a **rectangle**.



B

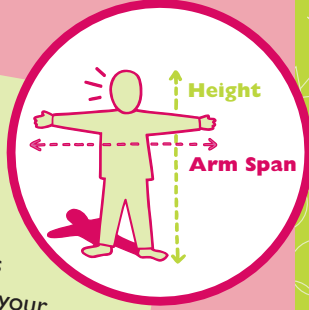


Square or Rectangle Data Chart

| Age | Girl | Boy | Height | Arm Span | Square | Rectangle |
|-------|-----------------------|-----------------------|--------|----------|-----------------------|-----------------------|
| _____ | <input type="radio"/> | <input type="radio"/> | _____ | _____ | <input type="radio"/> | <input type="radio"/> |
| _____ | <input type="radio"/> | <input type="radio"/> | _____ | _____ | <input type="radio"/> | <input type="radio"/> |
| _____ | <input type="radio"/> | <input type="radio"/> | _____ | _____ | <input type="radio"/> | <input type="radio"/> |

Fill It Out!

Are more **girls** squares or rectangles? How about **boys**? Does your **age** affect whether you're a square or a rectangle? **Collect data** from your friends and see if they "measure up" to your predictions. Then go to the ZOOM Web site to send in your data and see data collected by other kids.



How to Speak Ubbi Dubbi™

Just add "ub" before each vowel sound. Accent the "ub" each time it comes up. TUBEACH yubour frubiends thubis subecrubet lubanguubage uband hubave uban Ububbubi Dububbubi gubab fubest!

Use the Ubbi Dubbi translator on ZOOM's Web site to turn Ubbi Dubbi into English, uband Ubenglubish ubintubo Ububbubi Dububbubi.



Spider Webs

Invite some friends over and have a ball!

What You Need

- different colored balls of yarn (one color for each player)

Set It Up

If you're having a party, you might want to **set up** your spider web **before** your guests arrive.

Take each ball of yarn and **tie** it to a different piece of **furniture** in the room. Then, one at a time, **wind** each color of yarn through **different obstacles**, like under chairs and around the legs of a table.



Make it look like a **spider web** by overlapping the different colors of yarn. Make all of the **balls** of yarn end up in the **same place**. This will be the **starting point** for the game.

Play

Players each **take a ball** of yarn. They wind up their balls of yarn as they move through the web. The **first** player to get **to the end** of his or her yarn **wins**.

Tell us about other games you know by sending your ideas to pbskids.org/zoom

Sent in by Ian M. of Arlington, MA



You can find loads of other fun ZOOMgames at pbskids.org/zoom/games

Zoe's

How would the other cast members describe you?

Nice, funny, outgoing, cheerful

How would you describe what you're like?

I have so many different sides to me. Sometimes I'm sort of shy, but mostly I'm outgoing.

What do you like to cook?

The Popcorn Toppings from Café ZOOM are so good. I make them at home when I'm watching a movie.

What's your favorite food?

French fries.

Which has been your favorite segment of ZOOM so far?

My fave segment was "SkiBoat Jumper" because I had sooo much fun.

If you could change one thing about the world, what would it be?

There would be no such thing as cruelty to animals.



Visit me on the
ZOOM Web site
and find these
cool things to
see and do!

Home Page

at pbskids.org/zoom

If you don't have Web access at home, you can probably find it at your school, public library, or local community center.



Reviews

Just gotta **rave** about your favorite movie or a great new book? Send in **your reviews**, and find out what other ZOOMfans are saying about the latest and greatest!

Book Review

Which **book** did ZOOMfans give the highest rating of 5 toes? (5 = awesome)

Harry Potter Animorphs Holes

Find out at the **Reviews** section—then cast your own vote.

ZOOMnotes

Send a note to a friend in English or Ubbi Dubbi.

ZOOMplayhouse

Get the scripts from the plays that were performed on ZOOM.

ZOOMvid

Find out how to make a home video for ZOOM.

ZOOMalum

Find out what last year's ZOOMers are up to.