How to Make Your 200 Merang

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 I-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

Finker? It's something that doesn't float or sink in water but just "flinks" in the middle!

What You Need

- foam peanut
- washers or paper clips
- 12 inches of string
- clear container that's filled with water (like a soda bottle with the top cut off)



water. Place a foam
peanut in the water. What
happens? What can you
do to make the peanut flink
(neither float nor sink)?
Here are some ideas:
Attach washers or paper
clips to your peanut with
string. Or change the
shape of the peanut.
Experiment! Keep
changing the design of your

Flinker until it flinks for

10 seconds.

Try making different
objects flink, like a small
sponge or a penny. Predict
what you think will happen,
and test it. Then send your
results to ZOOM, Box 350,
Boston, MA 02134 or
pbskids.org/zoom

Sent in by Sarah P. of Maribel, WI

Science Scoop

When you put a foam peanut in water, the water "pushes up" on the peanut. (This is called a buoyant force.) At the same time, the weight of the peanut "pushes down" on the water. If the "pushing down force" of the peanut is less than the "pushing up force" of the water, the peanut floats. If the "pushing down force" of the peanut is greater than the "pushing up force" of the water, the peanut sinks. If both forces are exactly equal, the peanut neither floats nor sinks—it flinks!



What You Need

- old photos of family or friends
- old magazines
- scissors
- glue
- cardboard
- magnets (You can find these at an office supply store.)

Spice up your kitchen with zany magnets!

FUNNY FRIDGE MAGNETS

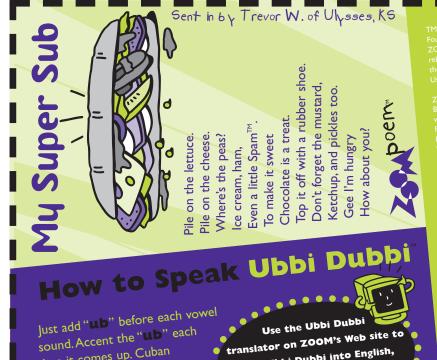
cut a face out of a photo. Search in old magazines for a body that looks funny with the face. Cut out the body. Glue the face and body to the cardboard. Let the glue dry. Then trim the cardboard around the new body. Glue a magnet to the back of the cardboard. Now you have a funny magnet to stick on your fridge!

Sent in by Amy M. of Ellicott City, MD and Lara & Jack W. of Wellesley, MA

What kinds of funny combinations did you make? **Tell us** by writing or sending drawings or photos to ZOOM, Box 350, Boston, MA 02134 or **pbskids.org/zoom**



Find more fun ways
to **decorate your house**,
like Bulletin Board
and Junk Picture Frame, at **pbskids.org/zoom/zoomdo**



turn Ubbi Dubbi into English,

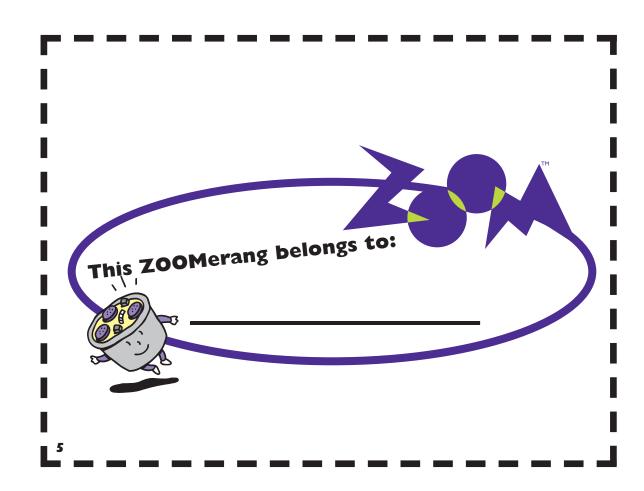
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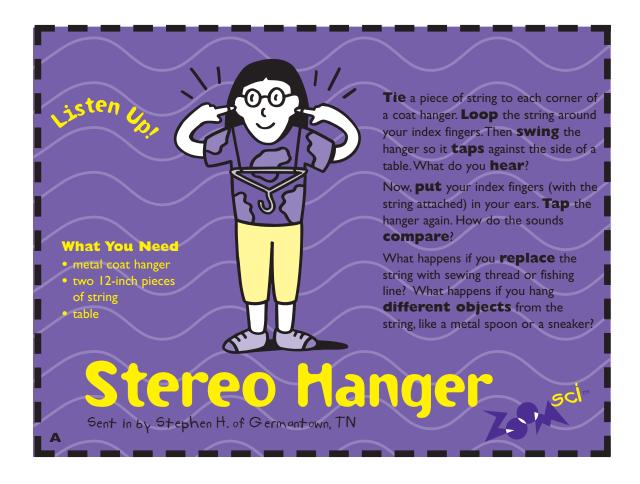
time it comes up. Cuban

ZubOOMubers?

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Change one thing (that's the variable), and **predict** what you think will happen. Then test it and send you results to ZOOM, Box 350, Boston, MA 02134 or pbskids.org/zoom



Science Scoop

Sounds are made by vibrations. When you tap the hanger, it vibrates (moves back and forth). This makes the air around it vibrate. When these vibrations travel into your ear, you hear them as sound. If you listen to the hanger with your fingers in your ears, the vibrations travel through the string and into your ears. It sounds different because sound travels differently through string (a solid) than through air (a gas).

Get a **rubber ball** (like a kick ball) and at least three friends. Have everyone **lie** down on their backs in a circle and put their legs up in the air. One player **puts** the ball between his or her feet and **passes** it to the next player. Whoever drops the ball is out. The last player on the floor wins!

What other games can you play with your feet? Send your ideas to Pbskids.org/zoom





Sent in by Lily P. of Albany, NY

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Preheat the oven to 350 degrees.

(Check with an adult before you use the oven.) Spray the muffin tin with cooking spray. Flatten small pieces of dough and put a piece in each muffin cup. Press the dough along the bottom and sides of each cup.

Spread some sauce on top of the dough. Sprinkle on some cheese.

Add your favorite toppings. Bake for 15 to 20 minutes. Using an oven mitt, take the tin out of the oven and let it cool. Then use a fork to pop

out the pizzas and enjoy!

What's your favorite food? **Tell us** how to make it by sending the recipe to ZOOM, Box 350, Boston, MA 02134 or **pbskids.org/zoom**



Ray's Home

What's your favorite food?

Bacon-double-cheeseburgers and New York-style pizza.

What things do you like to do?

llove sports and acting.

What's your favorite thing about school?

I see all of my friends and learn new things.

Do you cook at home? What's your specialty?

I can make a superb pecan pie.

What do you want to be when you grow up?

I hope to be an actor.

Visit my
home page on the
ZOOM Web site and
find these cool things
to see and do!



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

at pbskids.org/zoom



ZOOMsci

Test out these cool science activities.



Whose Chair?

Who works behind the scenes making ZOOM?
Take this quiz to find out!



ZOOMdo

Make the arts and crafts activities you see on ZOOM.



Poems & Tales

Get your poems or stories published here.

What does the grip do?

- **a.** I'm the setter-up of lights and the maker of shadows.
- **b.** I keep everyone in line when we're shooting.
- **c.** I grip things very tightly, to make sure they don't break easily.

Visit Whose Chair? to find the answer!

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