

Name: \_\_\_\_\_

# Introduction to Globes

Toy designers are people who design new toys. For example, they design puzzles, cars, trucks, and balls. Some toy designers design toys that help kids learn! Today, you will be a toy designer and create a toy that teaches kids about a globe. Follow the steps below.



## Step 1: Learn about Globes

The Earth is in the shape of a sphere. A globe is an object that is a shape of a sphere that shows what the Earth looks like.



Credit: Nasa



When we look at a globe, we can see the following things:

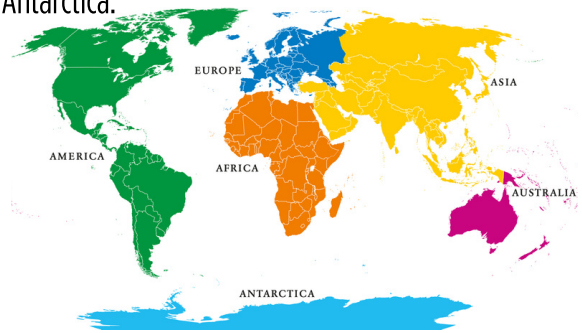
### Water

Water is found all over the Earth. Water can be found in lakes and rivers. Water can also be found in oceans. There are 5 oceans on Earth. They are the Atlantic, Pacific, Indian, Arctic, and Southern oceans.



### Landmasses

A landmass is a piece of land on Earth. There are 7 large landmasses called continents. The names of the continents are North America, South America, Africa, Europe, Asia, Australia, and Antarctica.



### Equator

The equator is an imaginary line that goes around the Earth. The equator divides the Earth into northern and southern hemispheres. The Northern Hemisphere is above the equator. North America, Europe, most of Asia, and about half of South America are continents above the equator. The Southern Hemisphere is below the equator. Australia, Antarctica, and most of South America are below the equator. About half of Africa is above the equator and half is below!



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## Step 2: Design a Globe

You will create a globe that is also a toy! The globe will teach kids where continents and the equator are located. The globe will also look like a monster! It will have arms, legs, and eyes! Follow the directions in the boxes below to make your globe.

### Collect Supplies

- 9-inch blue balloon
- Tape
- Scissors
- Permanent marker
- Glue stick
- Construction paper

### 1. Make Your Sphere

Once your teacher has blown up your balloon use a marker to draw the equator around the fattest part of the balloon.



### 2. Add Continents

Cut out the seven continents that are on the next page. Use a glue stick to glue the continents onto the balloon. Look at the World Map on the last page to see where you should place your continents in relation to each other.



### 3. Add Eyes

Choose one set of eyes that are on the next page. Cut out the eyes that you want to use. Use a glue stick to glue the eyes onto the balloon. You can glue the eyes where ever you want! You can also draw glasses onto the eyes!

### 4. Add Arms and Legs

Cut out four long strips of construction paper. Fold each strip back and forth in an accordion style. Tape the legs to the bottom of the balloon and arms to the sides of the balloon.



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## Step 3: Create a Price Tag

Design a price tag that will go with your toy! Fill out the price tag below.

**Name of Toy:** \_\_\_\_\_

**Price:** \_\_\_\_\_

**Why kids will like this toy:** \_\_\_\_\_

\_\_\_\_\_

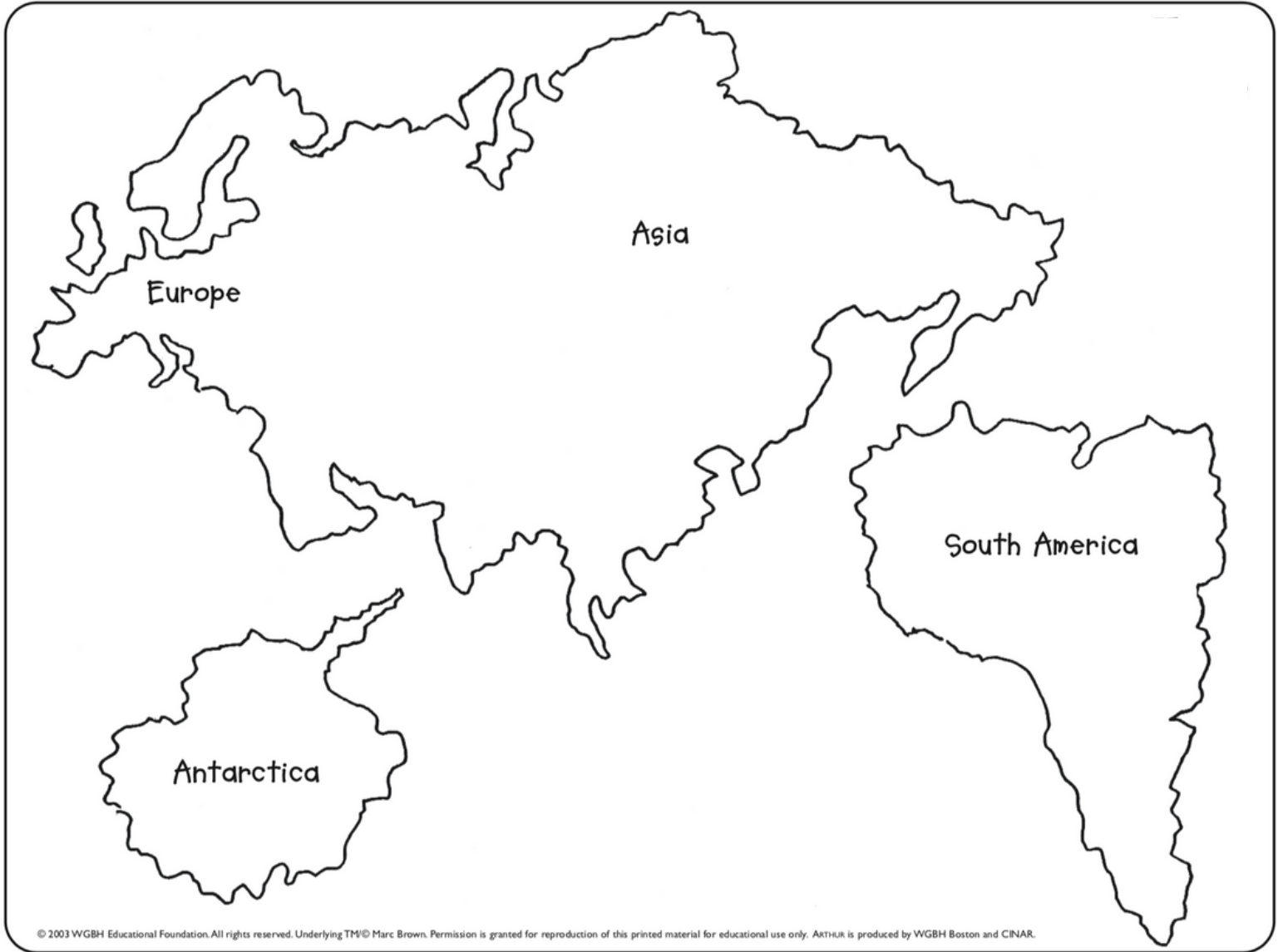
\_\_\_\_\_

**Name of Toy Designer (Your Name!)** \_\_\_\_\_

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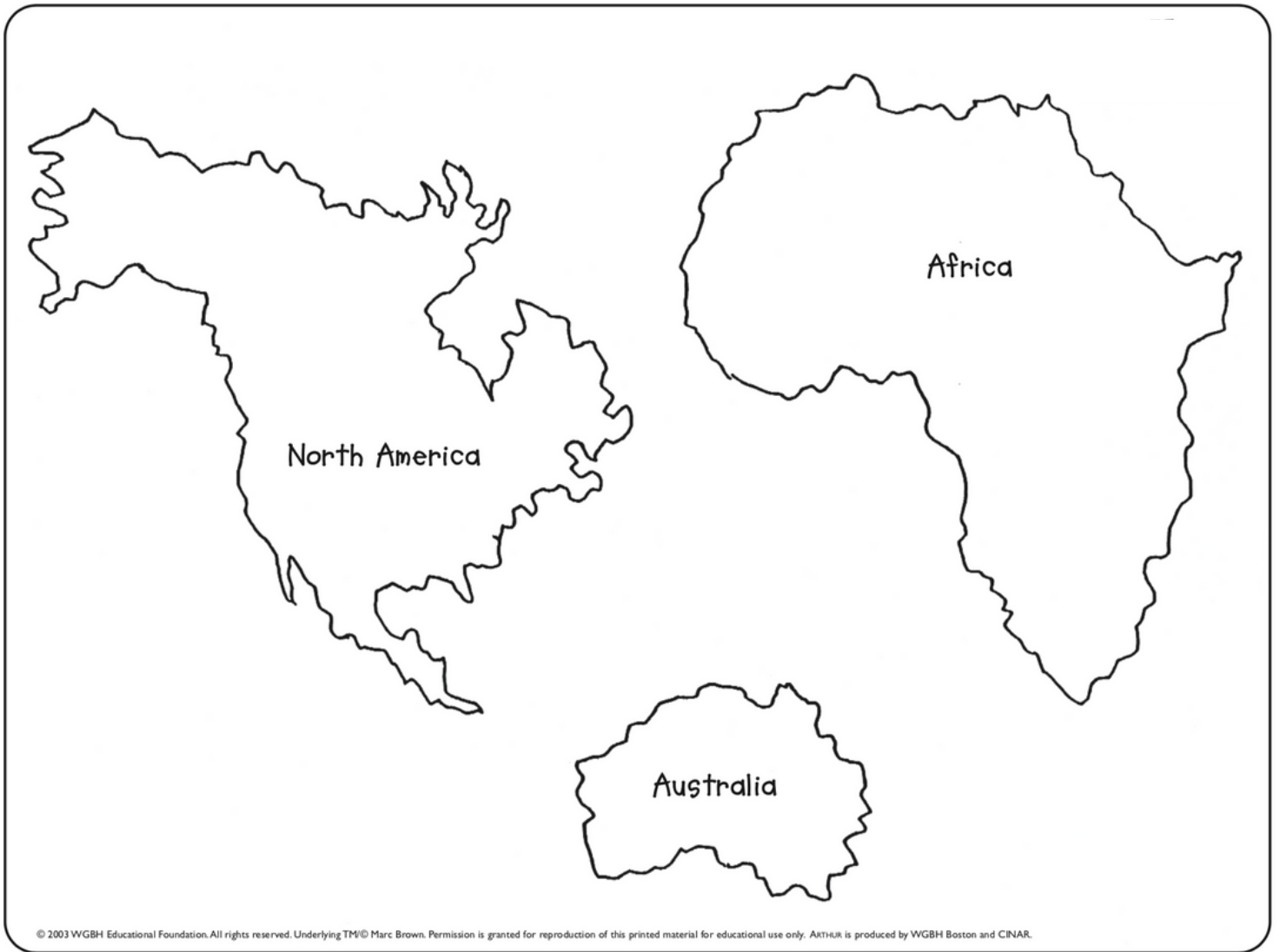
## Continents



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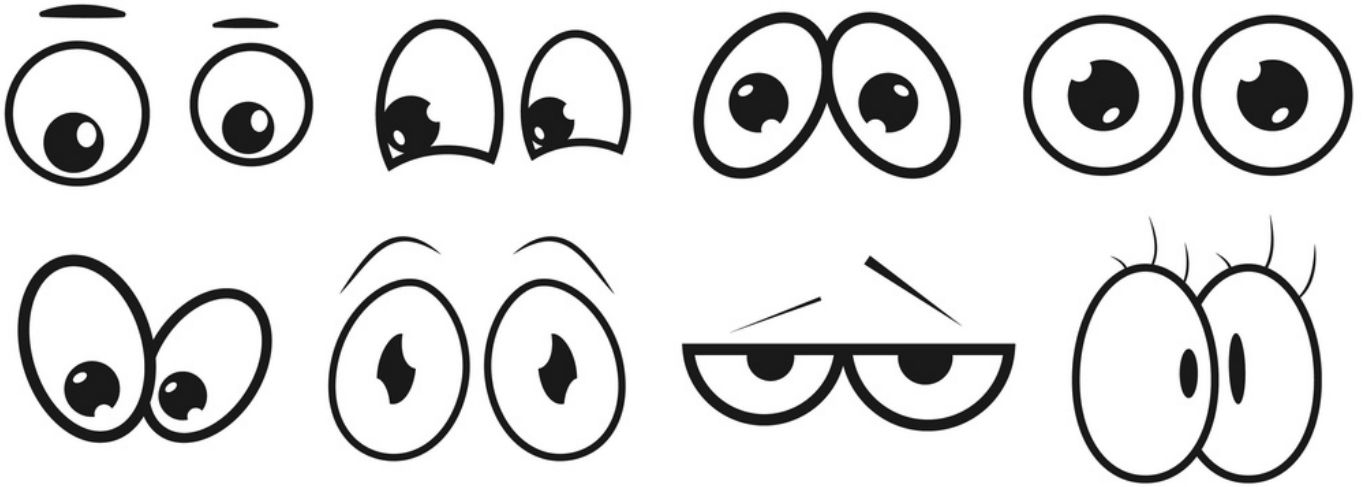
## Continents



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Eyes



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World Map

