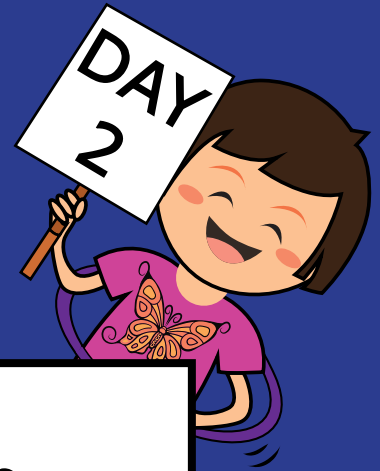




Colorado State Fair

Aug 28 - Sept 7, 2020 in Pueblo
Walk On The Wild Side



State Fair DAY CAMP

Tuesday, September 1, 2020



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8 - 9, 12, 17-19

Pig Feed Sack - Go Hog Wild!



Pork producers rely on nutritionists, engineers, and other farmers to help build a healthy diet for their pigs. These diets are all scientifically formulated and measured out carefully so that each pig gets the appropriate amount of feed for its nutritional needs

Materials:

- 1 set of measuring cups (1/8 cup, 1/4 cup, 1/2 cup, 1 cup)
- Plastic resealable bag, small paper sack, or treat bag
- Assorted ingredients, see Pig Feed Sack Chart for suggested ingredients (see "Represented by:" column). Please be cautious of any food allergies.

Instructions:

1. Measure 1/3 cup of marshmallows or jellybeans OR 1/8 cup dried blueberries and put in snack bag. Pigs drink up to 6 gallons of water per day, depending on their growth stage. Nursery pigs drink much less than a sow (mother pig) nursing piglets.
2. Add 1 cup of chosen cereal ingredient to represent carbohydrates. A carbohydrate is a source of energy in the diet of animals that comes from sugars, starches, and celluloses.
3. Add 1/4 cup of nuts OR 1/2 cup cheese crackers to represent the protein in a pig's diet. Protein is required in the diet for maintenance, muscle growth, and development of fetuses for pregnant sows and lactation.
4. Next add in the minerals and vitamins, represented by 1/4 cup of raisins or other dried fruit and 1/3 cup small candies or fruity cereal, respectively. Vitamins and minerals help support specific functions of the body.
5. Finally, add 1/4 cup of chocolate chips or candy to represent fat. Fat is used in a pig's diet to add energy, calories, and boost average daily gain (ADG) and helps with feed conversion.

Pig Feed Sack Chart

Pigs Need:	Represented by:	Per student
Water	Blue/White/or Silver Candy (jellybeans), mini marshmallows, OR dried blueberries	1/3 cup mini marshmallows or jellybeans OR 1/8 cup dried blueberries
Carbohydrates	Cereals such as Cheerios®; Corn Chex®, Golden Grahams®, Corn Pops®, Bugles®, popped popcorn, pretzel sticks or twists	1 cup
Protein	Peanuts, almonds, roasted soybeans, OR cheese crackers (Cheez-Its®)	¼ cup (nuts) OR ½ cup cheese crackers
Minerals	Raisins or other dried fruit	1/4 cup
Vitamins	Candy-coated chocolate (M&Ms®), OR Fruit Loops®	1/3 cup
Fat	Peanut butter candy (Reese Pieces®), chocolate chips	1/4 cup

Chef's J's Kids Corn Dogs



Who knew pancake batter had some many uses? Today we take pancake batter, add a few other fun ingredients and make some amazing corn dogs. Since we are using a fryer for this recipe, have Mom or Dad help and make sure to keep things safe. Happy Cooking, Chef Jason

Chef Jason K. Morse, CEC | Ace Hardware Grill Expert | Owner, 5280 Culinary

Yield: 4 Corn Dogs

Prep time: 10 Minutes

Cook time: 4-6 Minutes



Ingredients

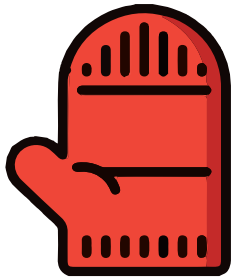
Measure	Ingredient	Prep Notes
2 Cups	Pancake Mix, Hungry Jack	or buttermilk mix
2/3 Cup	Cornmeal, Yellow	
2 Ea	Egg, Large, fresh	
1 1/3 Cup	Water, Cold	
4 ea	Hot Dogs, Jumbo	
4 ea	Popsicle Sticks	
32 oz	Canola Oil	

BBQ SAUCE RECIPE

1 Cup	BBQ Sauce	*Pick your favorite flavor
½ Cup	Honey, Colorado	
Mix ingredients together in a bowl and save for dipping sauce		

Safety Tips:

1. Always have Mom, Dad or an adult help with any frying
2. SAFETY TIP – KEEP A SMALL EXTINGUISHER AROUND
3. Remember, if you have a grease fire, don't panic!!!
4. Cover the food and turn off the flame or burner to snuff the flames.
5. If that doesn't work, deploy the fire extinguisher



Cooking Directions:

- Place the oil into a large FRY DADDY or counter top fryer
- Heat the oil to 350° and check temp with a candy or frying thermometer
- While fryer is heating, prepare the batter
- In a large mixing bowl mix the following together:
 - a. Pancake Mix
 - b. Cornmeal
 - c. Eggs
 - d. Water
- Place a popsicle stick 1/3 of the way into the end of a jumbo hot dog
 - a. Repeat the process for all hot dogs
- Dip into the batter using a pair of tongs and be sure to cover the hot dog and up onto the stick a tiny bit to coat the entire corn dog

- Carefully, with help from an adult!!
 - a. Using a pair of tongs slowly submerge the corn dog into the hot oil
 - b. Submerge over the top of the batter
 - c. Hold the corn dog for 30-45 seconds to set the batter
 - d. Release the corn dog from the tongs
 - e. Fry 2 corns dogs at a time to prevent oil overflowing
 - f. Cook for 4-6 minutes or until golden brown and fluffy
 - g. Carefully, using tongs, remove the corn dogs from the oil
 - h. Place onto a plate lined with paper towel and allow to drain
- Let sit for 3-5 minutes before eating to allow corn dogs to cool slightly
- Dip in the BBQ sauce
- DEVOUR!!



Renewable resources are either naturally reproduced at a sustainable rate or they can be produced in agriculture at a rate equivalent to the demand or need. **Nonrenewable resources** are made naturally by the Earth but do not renew themselves fast enough for people to count on having the resource for an indefinite period of time. Although plastic is typically considered to be a nonrenewable resource because it is made from petroleum, there is a method of making plastic that can be renewable. **Bioplastics** are made from biological materials—plant starches,

Materials:

- 1 tablespoon (24g) cornstarch
- 2 drops corn oil
- 1 tablespoon (15 mL) water
- 2 drops food coloring
- Sandwich-sized resealable plastic bag
- Tablespoon measuring spoon
- Microwave

Procedure: Part 1

1. Measure 14 g (1 tablespoon) of cornstarch into your plastic bag.
2. Add 15 ml (1 tablespoon) of water to the cornstarch.
3. Add 2 small drops of corn oil to the mixture in your bag.
4. Add 2 drops of food coloring to the mixture in your bag.
5. Seal the bag, and squish it gently to mix everything together.

Describe the mixture in your plastic bag: _____

How does it feel when you slowly squish the bag? _____

Does it feel the same when you squeeze the bag quicker/harder? _____

Is your mixture a solid or a liquid? _____

Procedure: Part 2

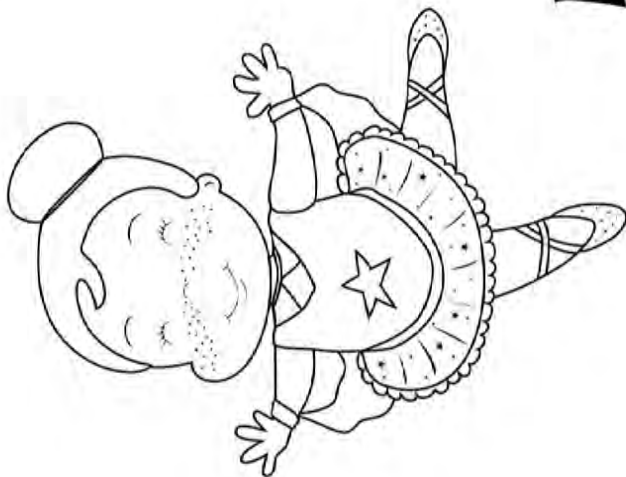
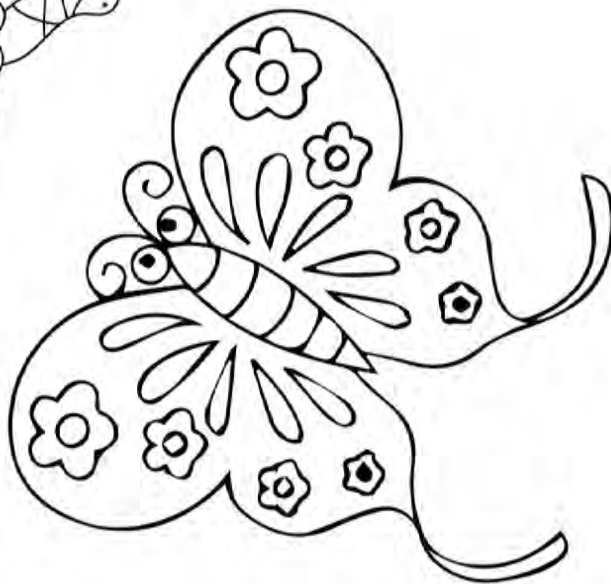
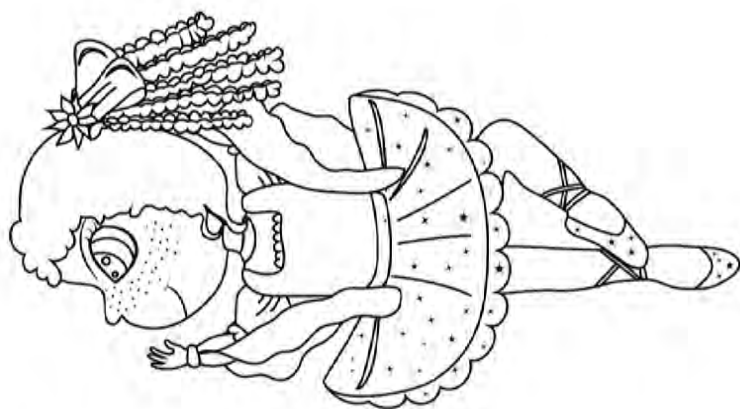
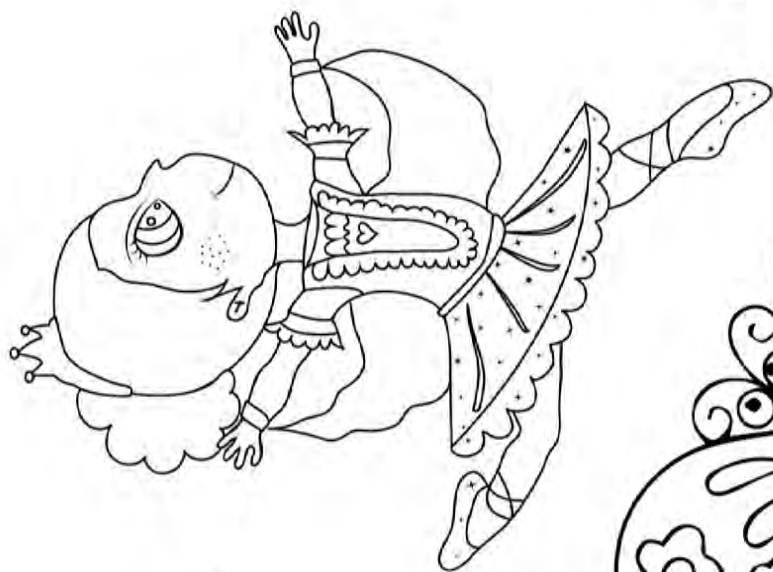
6. Microwave your mixture on high power for 20 seconds. Be sure to leave the bag open a tiny bit so that steam can escape. Be careful, the plastic will be hot!
7. Let it cool for several minutes. While it is cooling answer the questions below.

What does your new substance look like? How is it different from the mixture you started with? _____

If your plastic is cool, knead it with your hands. What does it feel like? Describe its other properties. _____

What could you make with your bioplastic? Why couldn't you make? Why? _____

What is used to make bioplastic? _____



BUTTERFLY BALLERINAS



HOOP GIRL



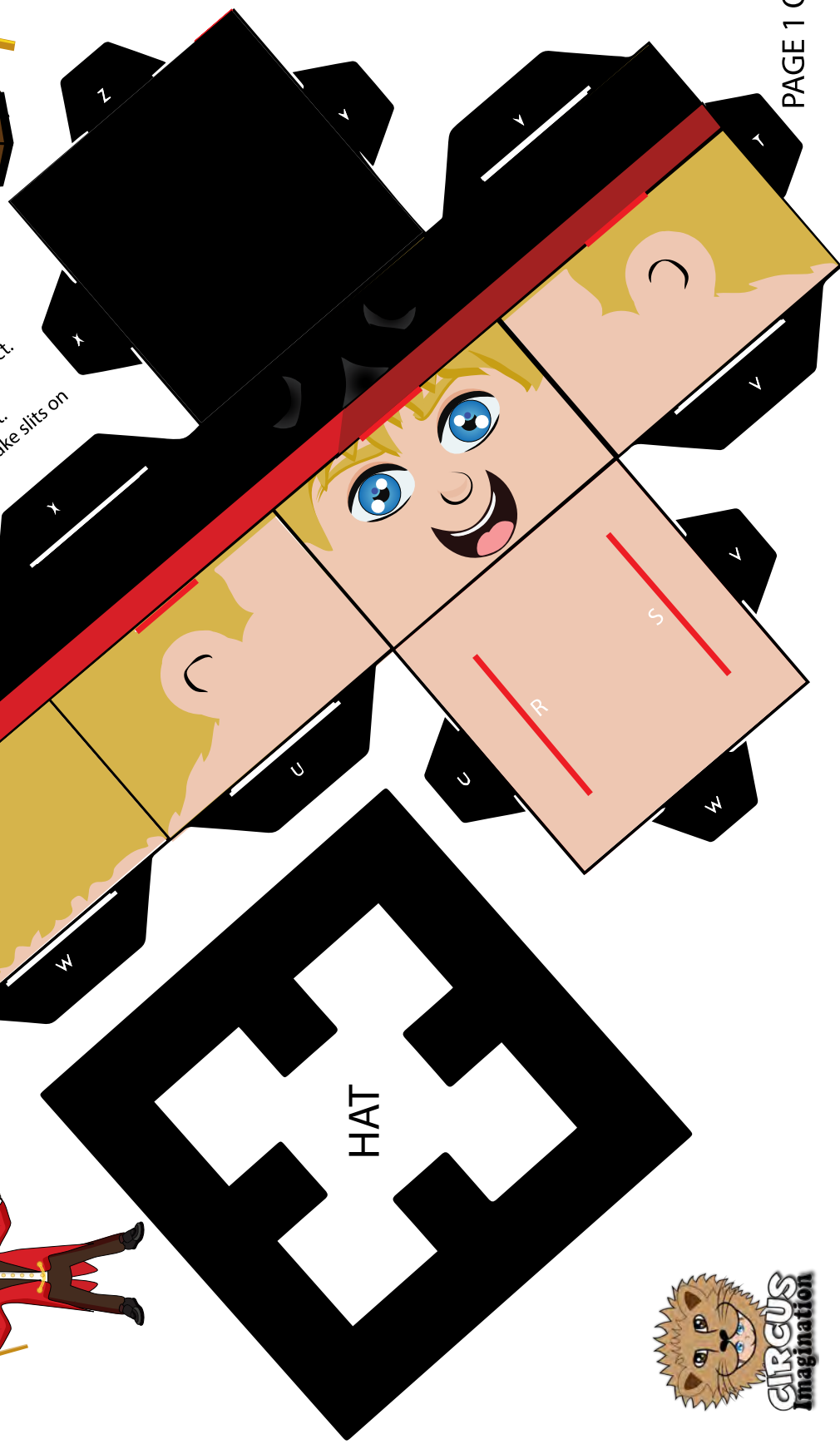
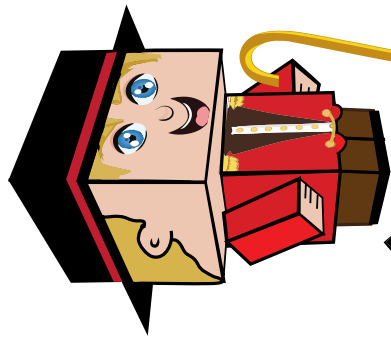
RINGMASTER

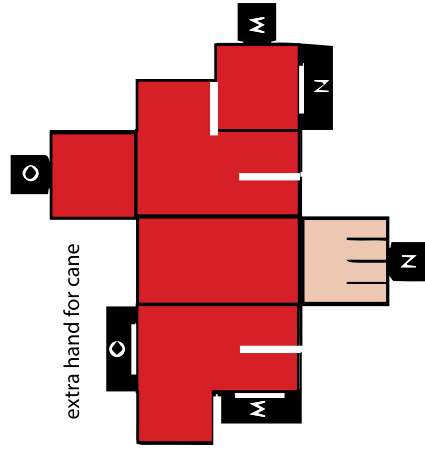
CUBE RINGMASTER

Print on Heavy Stock Paper

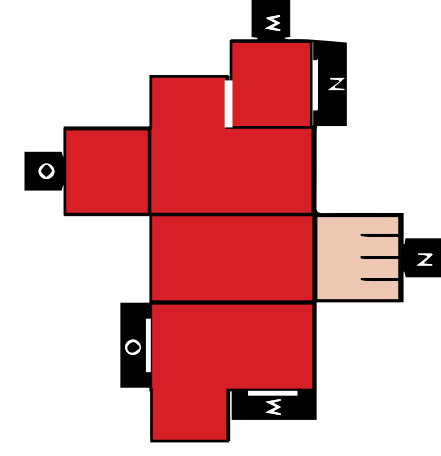


Cut around all edges.
Red lines are slits where pieces connect.
Fold all straight black lines.
Cut out the white on inside of hat.
Use a craft knife to carefully make slits on the white lines.





extra hand for cane



CUBE RINGMASTER

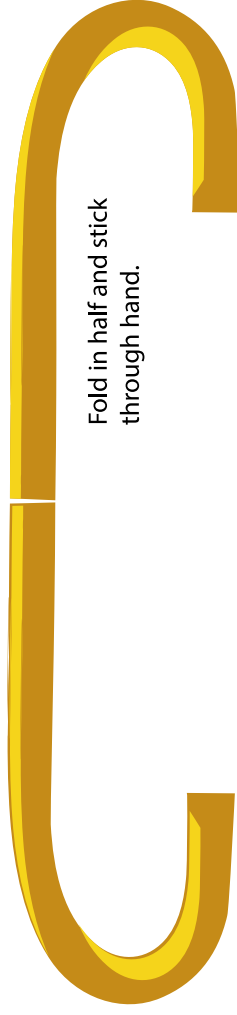
Print on Heavy Stock Paper

LEGS



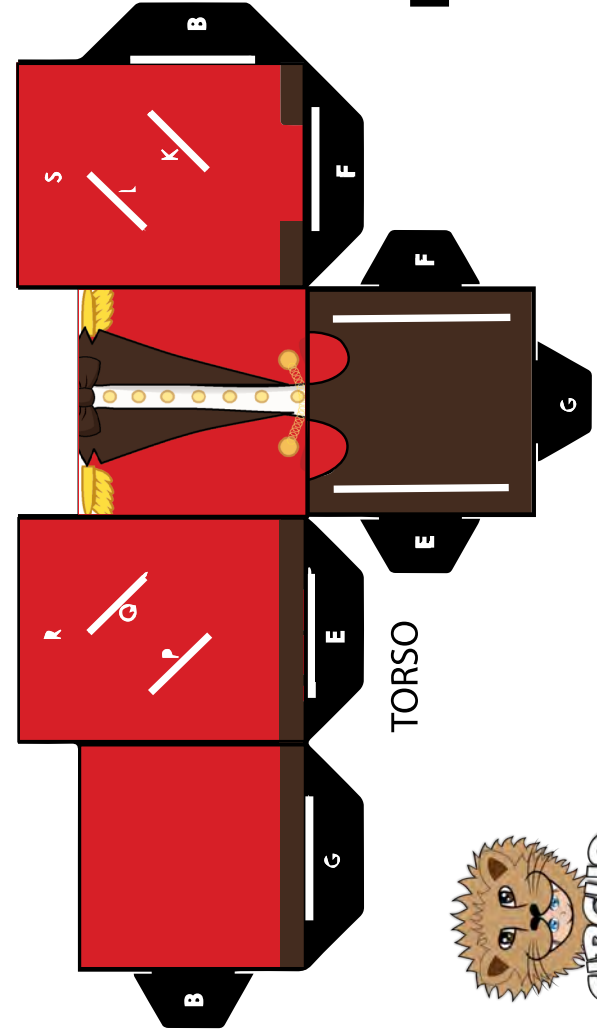
This page has 2 right arms, one with additional slits for holding the cane and one without. Tape and glue are not necessary. Thicker paper is recommended.

CANE



Fold in half and stick through hand.

TORSO



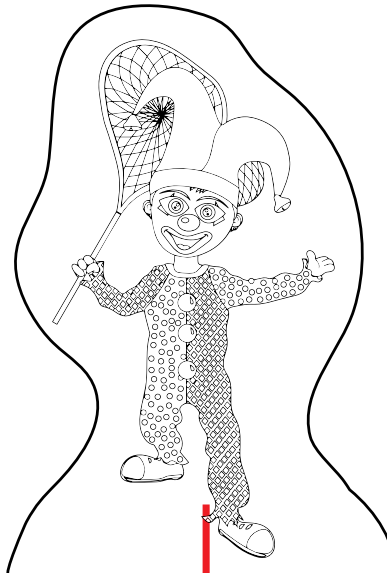
COLOR, CUT AND PLAY!

Print on Heavy Stock Paper

Color the circus characters, then cut around the lines. Cut the stands out. Snip the red slits and fit them together in a criss cross way so they stand up.



ANIMAL TRAINER



CLOWN



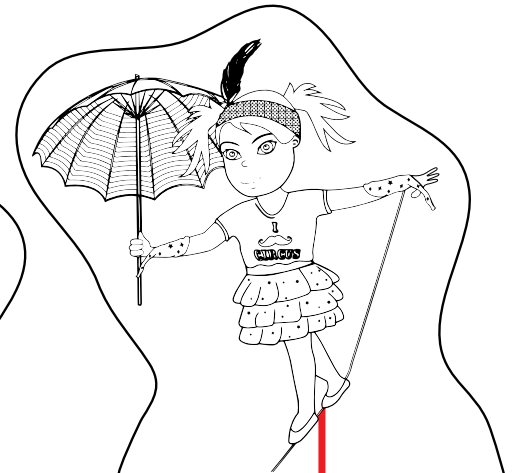
TIGER



LION



RINGMASTER



TIGHT ROPE WALKER

Circus Tutorials

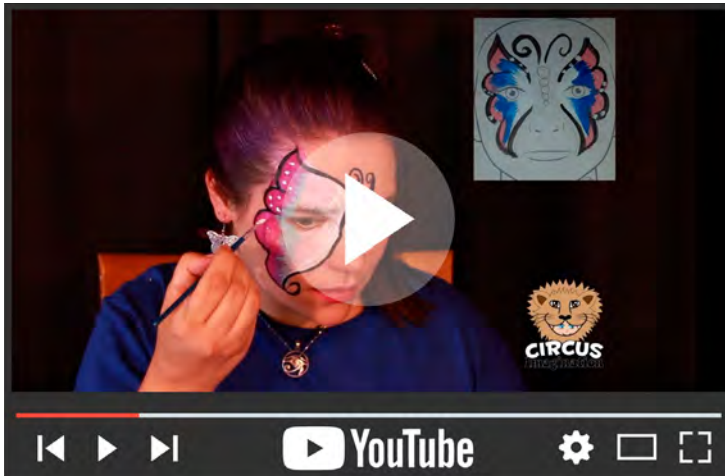


Face Painting: Butterfly

Materials:

- White Face Paint
- Purple Face Paint
- Blue Face Paint
- Black Face Paint
- Wide and Thin Brushes

Click on video to watch online.

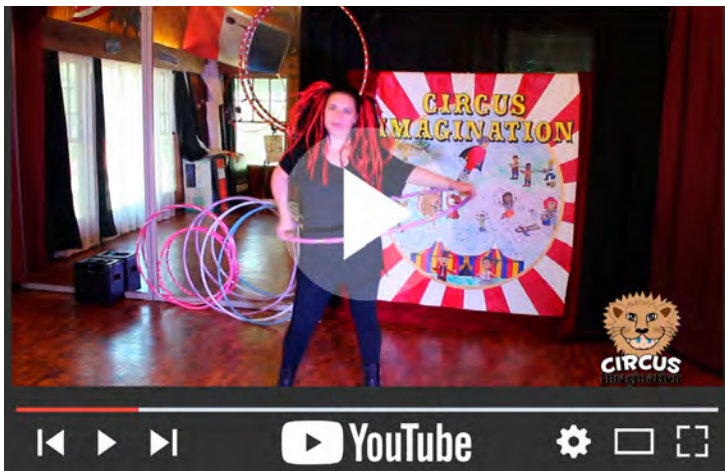


Hula Hooping

Materials:

- Hula Hoop
- Space to move around

Click on video to watch online.



Butterfly Face Paint Template

