



# Virtual Fête du soleil Investigation/Investigation Do-It-Yourself Activity Guide

# Vocabulaire/Vocabulary

- 1. Un policier A policeman
- 2. Un déguisement A disguise
- 3. Les empreintes Finger prints
- 4. Une loupe A magnifying glass
- 5. Une ombre A shadow
- 6. Un criminel/Une criminelle A crinimal
- 7. Encre invisible Invisible Ink
- 8. La machine mystère The mystery machine
- 9. Les rayons laser Laser beams
- 10. Une enveloppe An envelope

# Bricolage/Craft

## Une enveloppe ultrasecrète/A Secret Envelope



Materials: construction paper, scissors, glue

#### *Instructions*:

- 1. Get any color of construction paper (any paper will do). Make the paper into a square by forming a triangle and cutting off the excess.
- 2. Place your paper pretty side down, white side up on your folding surface. Fold your paper in half on the diagonal, so it makes a triangle.
- 3. Unfold the triangle fold and lay the paper flat, pretty side down, white side up, so you can see the diagonal crease you just made.
- 4. Grab the point at the bottom of the paper, and fold it up into a small triangle with the top of the triangle just barely touching the diagonal fold line, crease well!
- 5. Grab the bottom half of the paper where you just made your triangle, and fold the entire bottom half up onto the top half, using the original crease as a hinge. See pictures. Recrease the crease.
- 6. Grab the point on the LEFT side of the triangle, fold it inward to about the half way point. Use the picture as a guide, but ignore the side I did first, I have no idea why I crease the right side first, do the left. Seriously. This part takes a bit of guesswork, when you fold the other side, you may need to go back and adjust where this side folds, so crease it lightly.
- 7. Repeat! Fold the right side over the same way so it overlaps. You want the tip of the right corner to reach all the way to the corner of the envelope on the left, this is important for the next step. See picture.
- 8. Grab the tip of the right side, which should be rest on the bottom left of the envelope. Fold it back on itself to make a mini triangle, with the tip now resting on the bottom right side of the envelope. Crease it well, here comes the fancy footwork!

- 9. Grab the bottom of the little triangle and bring it to stand straight up, so its in the center of the envelope and point directly up (3D). Stick your index finger in between the two layers in the center of the mini triangle that's sticking up, place your thumb on the center crease right in front of you, so you're grabbing the center of the triangle crease on both sides, see pictures. Using your index finger to direct, use your thumb to push down and create a diamond in the bottom center of the envelope. Crease the bottom edges of the diamond.
- 10. Glue If Filling With 3D Goodies... If you intend to put 3D surprises such as candies in your envelopes, put a little bit of glue under the left side flap of the diamond. Put under a book to dry.
- 11. Fold down the Envelope Flap...Fold the top part of the envelope down so it overlaps your diamond.
- 12. Tuck in the Top! Tuck the top point of your envelope into the mini diamond.

## Une loupe/A magnifying glass



*Materials*: a clear smooth plastic bottle, a dry erase maker, scissors, water

#### *Instructions*:

- 1. Draw a circle shape at the neck of the bottle. It needs to be here so you create a disc shape when you cut it out.
- 2. Cut out the circle.
- 3. Pour a little water into the disc.
- 4. Hold it over your book or paper to make the letters bigger.

The science: The disc shape you have cut out curves outwards, so is a convex shape. By adding the water the light that passes through is refracted meaning that it is bent inwards, creating a lens effect and enlarging the size of the letters. So you have then created your very own magnifying glass!

# Cuisine/Cooking

## Ingrédient secret/Secret Ingredient

Soup (Sweet Chili Heat Doritos)

Ingredients: 2 tsp oil, 1 lbs chicken cut into <sup>3</sup>/<sub>4</sub> inch pieces, 1 tbsp reduced-sodium taco seasoning, 1 cup frozen corn, 1 cup salsa, 1 carton (32 oz) reduced-sodium chicken broth, Sweet Chili Heat Doritos

#### Instructions:

- 1. In a large saucepan, heat oil over medium-high heat. Add chicken; cook and stir 6-8 minutes or until no longer pink. Stir in taco seasoning.
- 2. Add remaining ingredients; bring to a boil. Reduce heat; simmer, uncovered, 5 minutes to allow flavors to blend. Skim fat before serving.

Quesadillas (Pop Rocks)

Ingredients: tortillas, shredded cheese, oil, pop rocks

Instructions:

- 1. Heat oil in a frying pan.
- 2. Sprinkle cheese on one half of the tortilla.
- 3. Sprinkle Pop Rocks on the cheese and fold the tortilla in half.
- 4. Place the tortilla in the heat pan. Fill once golden brown.

# Science/Science

Encre invisible/Invisible Ink

Using Grape Juice-

Materials: grape juice, baking soda, paper, bowl, Q-Tip

*Instructions*:

- 1. Mix  $\frac{1}{3}$  cup of baking soda and  $\frac{1}{3}$  cup of water together.
- 2. Dip a Q-Tip into the mixture, write a message on the piece of paper.

3. Brush the paper with grape juice.

## Using Lemon Juice-

Materials: lemon, water, spoon, bowl, Q-Tip, white paper, lamp

#### *Instructions:*

- 1. Mix a few drops of lemon juice and water together.
- 2. Dip a Q-Tip into the mixture, write a message on the piece of paper. Wait until the mixture on the paper is dry.
- 3. To see the message, hold the paper close to a lamp or light.

## Trouvez les empreintes/Finding Fingerprints

*Materials*: chalk, scissors, tape, dry paint brush (if you don't have chalk, cocoa powder will work)

#### *Instructions*:

- 1. Use a pair of scissors to scrape a piece of chalk over a container to collect the powder or just grab some cocoa powder.
- 2. Find or make a fingerprint. We had plenty to choose from: fingerprints on the door, the windows, the television screen. We decided to use fingerprints from a glass vase.
- 3. Dip the brush into the powder and carefully dust it onto the fingerprint. The dust will stick to the grease from your finger.
- 4. Blow off any excess powder and lay a piece of clear tape on the fingerprint. Press the tape flat, then carefully peel it off.
- 5. You may want to stick the fingerprint to a piece of colored paper so it's easier to see.



Un tampon encreur/Homemade Ink Pad

Materials: sponge, tempera paint, paper, pencil, marker

#### *Instructions*:

- 1. Mix equal portions of water and liquid tempera craft paint. Stir thoroughly to incorporate the two.
- 2. Place a dry sponge into the mixture to soak up the colored water, then squeeze it to drain excess. You want the sponge wet, but not dripping. Put the sponge in some kind of tray or container.
- 3. Press your finger onto the sponge to get the color on your finger, then press your finger onto a piece of paper to make a print.
- 4. Use fingerprints to make a drawing by adding faces, arms, legs and accessories to create fun characters, feel free to create a story

# Jeux/Games

## Qui est ce?/Guess Who



*Materials*: template, glue, scissors, card stock paper

#### Instructions:

1. Prepare the game boards by cutting out the cards and gluing each set to a sheet of card stock. Using a knife, cut along the two long edges and the top edge of each character. Fold the card stock so that each

character is visible.

2. Each player starts the game with all the images standing up. Each player selects a card of their choice from a separate pile of cards containing the same images. The object of the game is to be the first to determine which card one's opponent has selected. Players alternate asking various yes or no questions to eliminate candidates, such as "Does your person wear glasses?" The player will then eliminate candidates (based on the opponent's response) by flipping those images down until only one is left. Well-crafted questions allow players to eliminate one or more possible cards.

http://www.momes.net/Jeux/Jeux-a-imprimer/Jeux-de-plateau/Jeu-a-imprimer-Qui-est-ce

(print the template)

## Chasse au trésor des cinq senses/Five Sense Scavenger Hunt

Materials: scavenger hunt list, pencil

*Instructions:* 

This can be done in smaller groups or as one larger group. A time limit can be set for finding as many items on the list as possible. Or with teams, the time with the lowest time to find all the items wins. Can also be done as a photo scavenger hunt where you have to take a picture of each item with a member of the group.

# Exercice/Exercise

Entrainement physique pour être un vrai agent secret

Essaye de toucher ton nez avec ta langue/ Try touching your nose with your tongue	Imite quelqu'un qui joue à la marelle/ Imitate someone who plays (hopskotch)	Epèle ton prénom et ton nom de famille à l'envers/ Trace your first and last name backwards	Assieds-toi par terre et relève- toi sans l'aide de tes mains/ Sit on the floor and get up without the help of your hands
Frotte-toi le ventre d'une main et tape sur ta tête de l'autre/ Rub your belly with one hand and tap your head with the other	Fais le tour de la maison à cloche- pied/Walk around the house	Chante « Joyeux anniversaire » sans bouger les lèvres/Sings "Happy Birthday" without moving your lips	Siffle un air de musique et fais le reconnaître à tes amies/ Whistle a tune of music and make your friends recognize it
20 jumping jacks moitié/20 half jumping jacks (just with legs)	10 bottes à coté/10 kicks to the side	Mimer quelqu'un qui va aux toilettes/ Mime someone who goes to the bathroom	Trouve 10 mots qui riment avec LISON/ Find 10 words that rhyme with LISON
10 sautes avec les genoux au ventre/High knees	Répète 10 fois et très vite : « Christy croque ses crottes de nez »/ Repeat 10 times and very quickly: « Christy croque ses crottes de nez »/	Essaye de toucher ton oreille avec ton pied/ Try touching your ear with your foot	Récite l'alphabet sans les voyelles/ Recite the alphabet without vowels