

YARRA PLENTY
REGIONAL LIBRARY

SEPTEMBER SCHOOL HOLIDAY PROGRAM

MAZES, MYSTERIES & PUZZLES



www.yprl.vic.gov.au



ACTIVITY VIDEO SCHEDULE

Tune to Yarra Plenty Regional Library's Facebook page to follow our easy and fun videos.

 @yarraplentyregionallibrary

Date	Branch	Activity
Monday 21 September 2pm	Thomastown Library	A-mazing Patterns
Tuesday 22 September 2pm	Mill Park Library	Detective on the Case!
Wednesday 23 September 2pm	Rosanna Library	Shadow Puppets
Thursday 24 September 2pm	Watsonia Library	Lateral Thinking Puzzles & Footy Biscuits
Friday 25 September 2pm	Ivanhoe Library	Garden Maze
Monday 28 September 2pm	Lalor Library	Secret Code Hieroglyphics
Tuesday 29 September 2pm	Lalor Library	Maze Run
Wednesday 30 September 2pm	Eltham Library	Jigsaw puzzle lockdown
Thursday 1 October 2pm	Whittlesea Library	Treasure Jar - filled with dreams & secrets
Friday 2 October 2pm	Thomastown Library	Treasure Island

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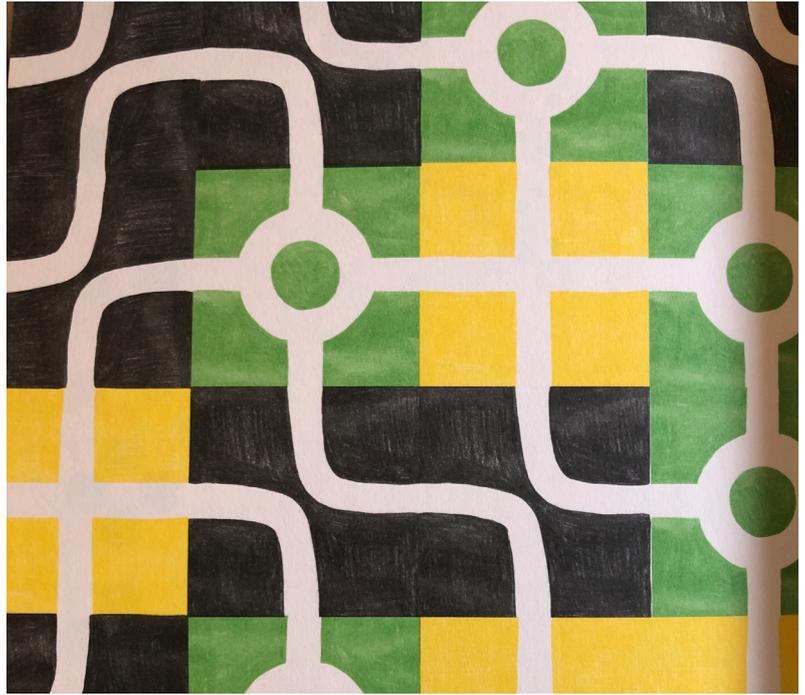
Yarra Plenty Regional Library acknowledges the traditional owners and custodians of this land on which we live, work, and play, The Wurundjeri people of the Kulin nation. We pay our respects to Indigenous Elders past, present, and emerging.

ACTIVITY 1

A-mazing Patterns

Video by Thomastown Library
Monday 21 September, 2pm

[f @YarraPlentyRegionalLibrary](#)



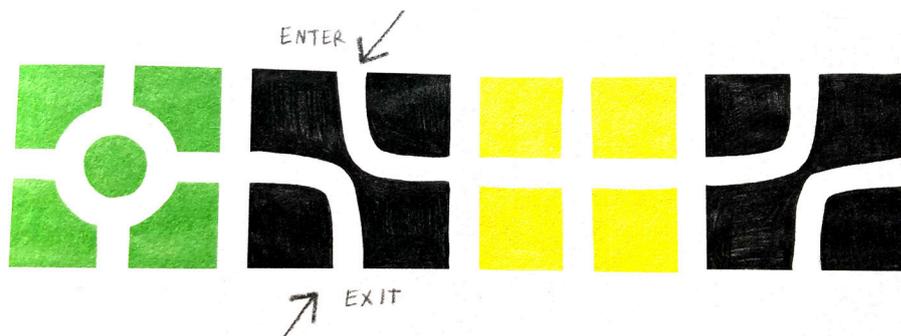
What you need:

- scissors
- markers/ colour pencils

Instructions:

Step 1: Print out the template sheet of Maze Pattern

Step 2: In each tile, you have a exit and an entry point. You can make endless paths and patterns on each tile as long as they start and end at the same point.



Step 3: Colour and decorate the space around your paths.

Step 4: Cut out the tiles and mix them all up together. Have fun creating your own wacky path patterns!



ACTIVITY 2

Detective on the case!

Video by Mill Park Library
Tuesday 22 September, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- Printable Camera Template
- Scissors
- Textas/Coloured Pencils
- Glue-stick

Instructions:

Every great detective needs a handy camera to capture suspicious activity, photograph foot prints, sneakily record evidence and take some on-the-go mug shots! Here's how to make yours....

Step 1: Print It

Print out the Camera template, preferably on thick white printer paper.

Hint 1:

You might not have heavy white (160gsm) paper and if you're using regular printer paper it can be a bit flimsy. Here's how to make the paper a bit thicker and more robust.

Print out the Camera Template and lay it face down on the table. Take another sheet of paper and, using the glue-stick, glue the second sheet of paper to the template. Make sure you cover the whole 'camera' so the two pieces don't come apart. Press down firmly across the whole page.

Wait for the glue to dry, about five minutes should do it. This is important, if your glue isn't dry and you cut through it you will gum up your scissors.



Step 2: Colour It

Once your glue is dry, and the two pieces are firmly stuck together, you can colour in and/or decorate your camera. Just make sure you can still see the fold lines and the cut lines. Add sequins or stickers if you want a more sparkly look, or tin foil if you want it to look professional and metallic.

Hint 2:

Remember that you will be folding your camera on the sides, top and bottom. So, whatever you place across the fold lines must be able to fold too or they will fall off when you fold it.

Step 3: Cut It

Now it's time to cut your camera out. You will see around the outside of the camera (the perimeter) there is a thick black line. Carefully cut along this edge.

Step 4: Fold It

All the 'dashed' lines within the perimeter are fold lines. Fold each line carefully, pressing the folds down firmly.

Hint 3:

The straighter and sharper your folds, the easier it will be to make a neat 'box.'

Step 5: Glue It

Using the glue-stick, carefully place glue on each of the tabs where it says 'glue.' Starting from one edge, glue all the tabs in place, pressing down firmly.

Hint 4:

If you want your camera to look like metal, print the template out twice. Do not cut them out yet. Put one copy aside. Taking the uncut second template, glue a sheet of tin foil to the back of the template (making sure to cover it completely in glue) and press down firmly. When the glue is dry cut it out as above. Using the second template, cut out the lens, the viewfinder, the button and any other parts you want to stick on to your 'metal box.' Glue them into position.

That's it, your camera is ready to go.

Check out the Five Detective Challenges in the activity templates and practice your Detective Skills.

Happy Detecting and enjoy your school holidays!

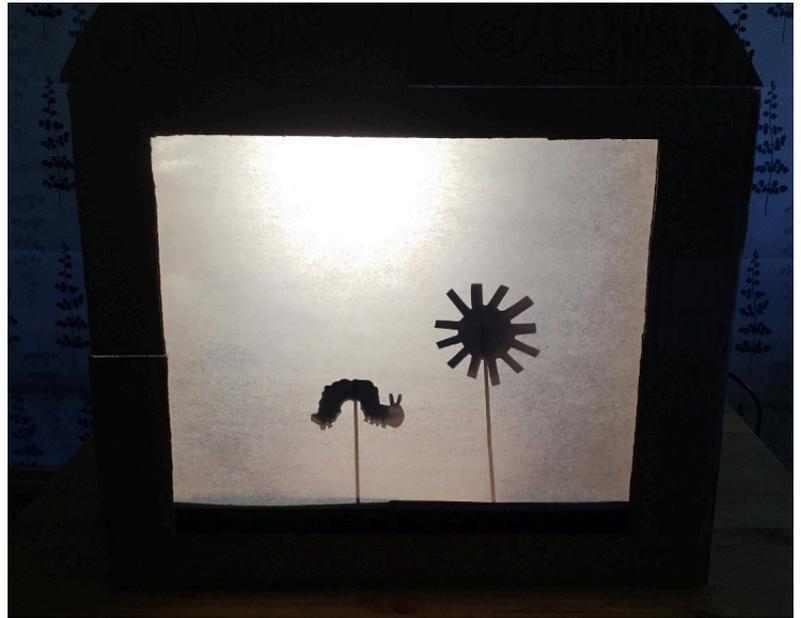


ACTIVITY 3

Shadow Puppets

Video by Rosanna Library
Wednesday 23 September, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- A large enough box to make a puppet theatre
- Hungry caterpillar stencils, (or black paper)
- Wooden sticks for the puppets (eg. Skewers, icy pole sticks)
- Baking or tissue paper for the screen
- Torch or lamp
- Scissors, sticky tape/glue, ruler

Instructions:

Step 1: Choose your box. A shoe box or a box from a delivery will do.

Step 2: Measure out the size of the screen you want and mark it on the box.
Cut out the screen.



Step 3: Measure the internal size of the screen from inside the box. Cut enough baking or tissue paper to cover the screen as well as to attach to the sides. Decorate the front of the theatre as you like.



Step 4: Print d the attachments for the puppets from the template section of the activities pack. If you have black paper at home you can make your own of any design/story you like. Cut out the puppets. (This may take awhile) After cutting out, attach puppets to wooden sticks.



Step 5: Set your theatre up on a table. Behind the theatre get your lighting ready. Shine the light from behind to illuminate the screen. (Use a torch or small lamp) Lay out your puppets in order for the story.



Gather your audience!! Let the show begin!! To add extra to the event you could make your own tickets and refreshments. You can keep the theatre and use it to tell other stories.

ACTIVITY 4

Footy Biscuits & Lateral Thinking Puzzles

Video by Watsonia Library
Thursday 24 September, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- 1 X Packet Arnott's Milk Arrowroot Biscuits
- 200g White Chocolate Melts
- 2 Cups Icing Sugar
- Food Colouring (optional, your Footy Colours)
- 200g Dark Chocolate Melts
- ½ Cup Butter
- 4 Tablespoons Milk

Instructions:

Prep Time: 30 min
Makes 32

Step 1: Line two large trays with Baking Paper.

Step 2: Place Dark Chocolate in a medium size glass or microwave-safe bowl. Place the bowl of Dark Chocolate in the microwave for 20 second bursts on medium power until melted, stirring in-between each burst.

Step 3: Spread Dark Chocolate over one side of biscuits. Leave until set.

Step 4: Place White Chocolate in a medium size glass or microwave-safe bowl. Place the bowl of White Chocolate in the microwave for 20 second bursts on medium power until melted, stirring in-between each burst.

Step 5 (optional).
Spread White Chocolate over one side of biscuits. Leave until set.

Step 6 (make Butter Cream Icing).
Cream butter until soft in a bowl. Gradually mix sifted icing sugar into the creamed butter. Pour in milk and beat for 4 minutes. Add food colouring if using to decorate biscuits.

Step 7: Spoon Butter Cream Icing into a piping bag or a snap lock bag and snip a small hole at the end. Using the photos as a guide, ice the biscuits like a football, football oval or footy jumper.

Step 8: Store in an air-tight container for up to three days.

ACTIVITY 5

Garden Maze

Video by Ivanhoe Library
Friday 25 September, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- Your garden or outdoor area
- Paper and Pencil
- Sticks, branches, leaves. You can collect these from around your garden. Or you could collect these during your walk in your neighbourhood. If you're collecting from outside your property and want to be extra cautious, use gloves to collect the sticks and quarantine them for a couple of days.

Instructions:

Spring is here! Therefore you may be searching for fun activities to do in your garden. This garden maze is very simple to set up, uses natural materials, and will provide hours of outdoor fun.

Step 1: Draw a diagram of your maze. Start off with a simple plan. A square spiral is a good start.

Step 2. Start building your maze on your lawn/ground. There will be a bit of trial and error, but that's part of the fun! You may want to start from the centre of the maze and build out. If you start from the outside the maze may end up being smaller or bigger than you wanted. Starting from the centre will give you more freedom. You can use leaves, flowers and even toys lying around if you don't have enough sticks.

Step 3. Once you have built the maze, you are ready to go! Walk the maze to see if it works.

Garden Maze Games and Challenges:

- Speed Run Maze – See how fast you can run the maze. Use a stopwatch
- Obstacles – Place some obstacles or challenges throughout the maze e.g. stones to pick up, stick to jump over, ball to dribble through part of the maze
- Maze is Lava! – Pretend the whole of the maze is lava and only certain parts are islands you can stand on (you can use cushions or blankets). Can you make it out of the Maze Lava?
- Blindfold Challenge- One player is blindfolded and stands in the centre of the maze. Another player stands outside and gives direction and instruction (“turn left, right, walk straight, stop”) to help the blindfolded player walk out of the maze.

ACTIVITY 6

Secret Code Hieroglyphics

Video by Lalor Library
Monday 28 September, 2pm

 @YarraPlentyRegionalLibrary



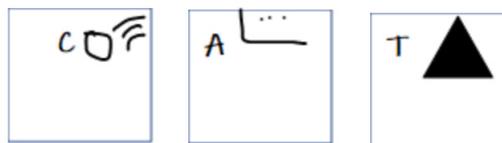
What you need:

- scissors
- Textas/Coloured Pencils

Instructions:

Create your own alphabet to write coded messages just like the ancient Egyptians used Hieroglyphics. Give a friend a copy of the code so they can decipher your message.

Step 1: For each letter, draw a picture or a symbol to represent that letter. For example:



Step 2: In the four spare squares, make a symbol to represent a sentence or a thing. For Example:

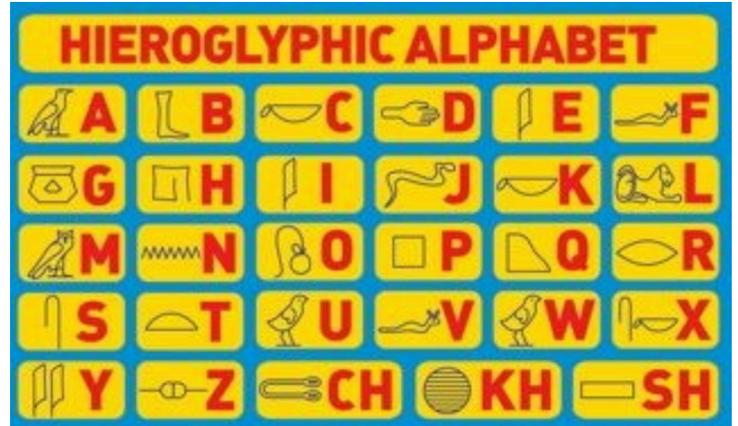


Step 3: So your sentence is.....This cat is so funny



Hieroglyphics:

The Ancient Egyptians used drawings as their alphabet.



This is an ancient Egyptian hieroglyphic chart. You can make a coded message using these or design your own in our activity.

For more explanation of the meanings, check out these websites!

<https://www.ancient-egypt-online.com/hieroglyphics-alphabet.html>

<https://www.natgeokids.com/uk/discover/history/egypt/hieroglyphics-uncovered/>

This bracelet belongs to a staff member...can you discover who it is using the chart? (First 5 symbols only)



ACTIVITY 7

Maze Run

Video by Lalor Library
Tuesday 29 September, 2pm

 @YarraPlentyRegionalLibrary

What you need:

- scissors (with adult supervision)
- Sturdy cardboard (from a box)
- Assorted tubes (from paper towel, toilet paper or cling wrap)
- Packing or sticky tape
- Marbles or play dough or tin foil
- Empty soft drink bottle
- Small plastic

Instructions:

Create your own marble maze run using cardboard box, paper roll tubes, packaging, sticky tape and your creativity.

Step 1: Cut the sturdy cardboard box to get a flat surface for your Maze Run.

Step 2: Layout your assorted tubes on your flat surface to design your maze run. Look for ways to angle your tubes to create drops for the Marble to run off. Once you are happy with your layout, cut your tubes. Think about making holes that the marble has to drop into or cutting half pipes so that you can reuse other sections of the tube in other parts of your maze. Use lots of sticky tape or packing tape to hold them in place.

Step 3: Cut the top of an empty drinking bottle to make a funnel as your starting point and use the rest of your bottle to collect the marbles at the end of your maze. You can use a small containing instead.

Step 4: If you don't have any marbles at home, you can make your own using play dough or by rolling some tin foil into the shape of a marble.



ACTIVITY 8

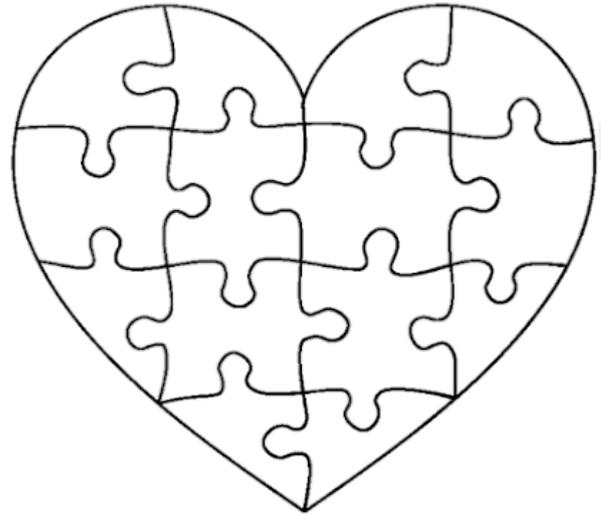
Jigsaw Puzzle

Lockdown

Video by Eltham Library

Wednesday 30 September, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- A picture/photo you would like to use for your Jigsaw puzzle
- Puzzle template (options provided)
- Coloured pencils/textas
- Clear contact (optional)
- Scissors
- Cardboard eg: Cereal box
- Glue stick

Instructions:

Step 1: Using your cardboard cereal box trace out your puzzle design from one of the templates provided or make up your own puzzle design.

Step 2: Decide what picture to use for your puzzle it could be a favourite photo, a picture from an old magazine/book or you could draw your own picture.

Step 3: Using a glue stick, stick down your picture onto the opposite side of your cardboard template.

Step 4: This next step is optional if you have clear contact you can cover your cardboard template. This will make it stronger, but it isn't necessary.

Step 5: Using scissors cut out your puzzle pieces.

Step 6: Mix up the pieces and have fun putting your puzzle back together.

When you have finished making your jigsaw puzzle you can check out this Kids Corner Blog <https://www.yprl.vic.gov.au/blogs/post/kids-corner-diy-jigsaws/> it has heaps of fun online jigsaw puzzles you can do.

ACTIVITY 9

Treasure Jars- Filled with Dreams & Secrets

Video by Whittlesea Library
Thursday 1 October, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- Jar
- Anything that you think you would like to put into your jar as a keepsake.
- scissors
- coloured paper
- glitter
- stickers or magazine cut outs.
- pencils or textas

Instructions:

This craft is based on The BFG book by Roald Dahl. The BDG keeps the good dreams that he mixes before he blows them into the ears of sleeping children with his dream blower.

Making your own treasure jar, full of dreams, secrets and memories. This simple craft is using items which you would have at home. Even placing items into the jar which you may find on walks or visiting places.

Treasure jars are a wonderful gift for someone you love or treasure. Giving them little notes of happiness and joy. Follow these simple steps:

Step 1: Find a jar at home. Wash and clean well and let it dry in the sun. The jar needs to be complete dry and clean.

Step 2: Who is your jar for? Decide who your treasure jar is for. It can be for you Mum, Dad, Brother or Sister, best friend or even for yourself.

Step 3: What are your treasures? Think about what you would like to put into your jar. Possibly, shells from the ocean, notes of thanks, goals, dreams or memories. Items found during your special walks or adventures. Just remember that the items will need to fit inside your jar.

Step 4: Place your items into your jar and decorate the jar as little or as much as you would like. Remember that if your jar is a gift to make sure that you seal it with a kiss.

Enjoy and please forward your images and ideas to my email below, I would love to see your results.

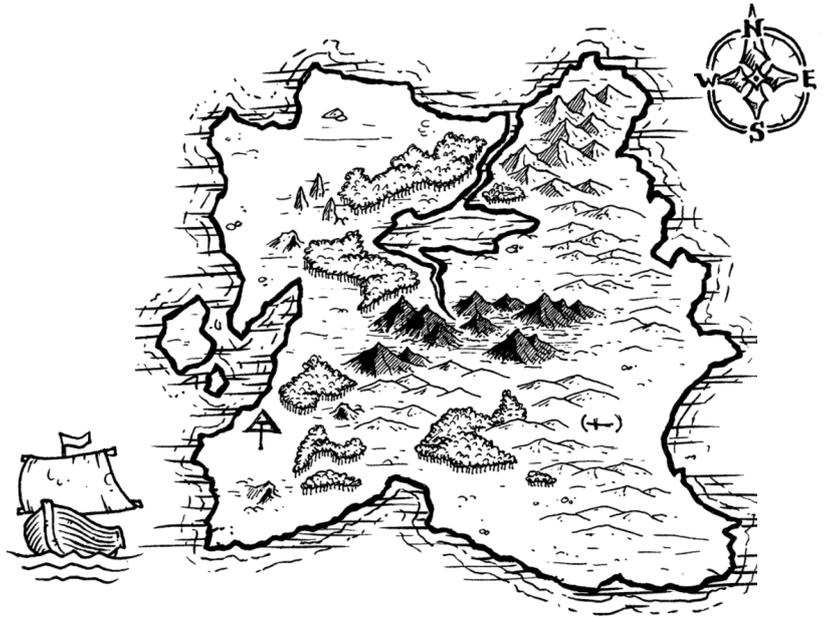
Coralie Kouvelas , ckouvelas@ypri.vic.gov.au

ACTIVITY 10

Treasure Islands

Video by Thomastown Library
Friday 2 October, 2pm

 @YarraPlentyRegionalLibrary



What you need:

- scissors
- markers/ colouring pencils
- a bowl or container

Instructions:

This is a fun activity to do with your family and friends in a group.

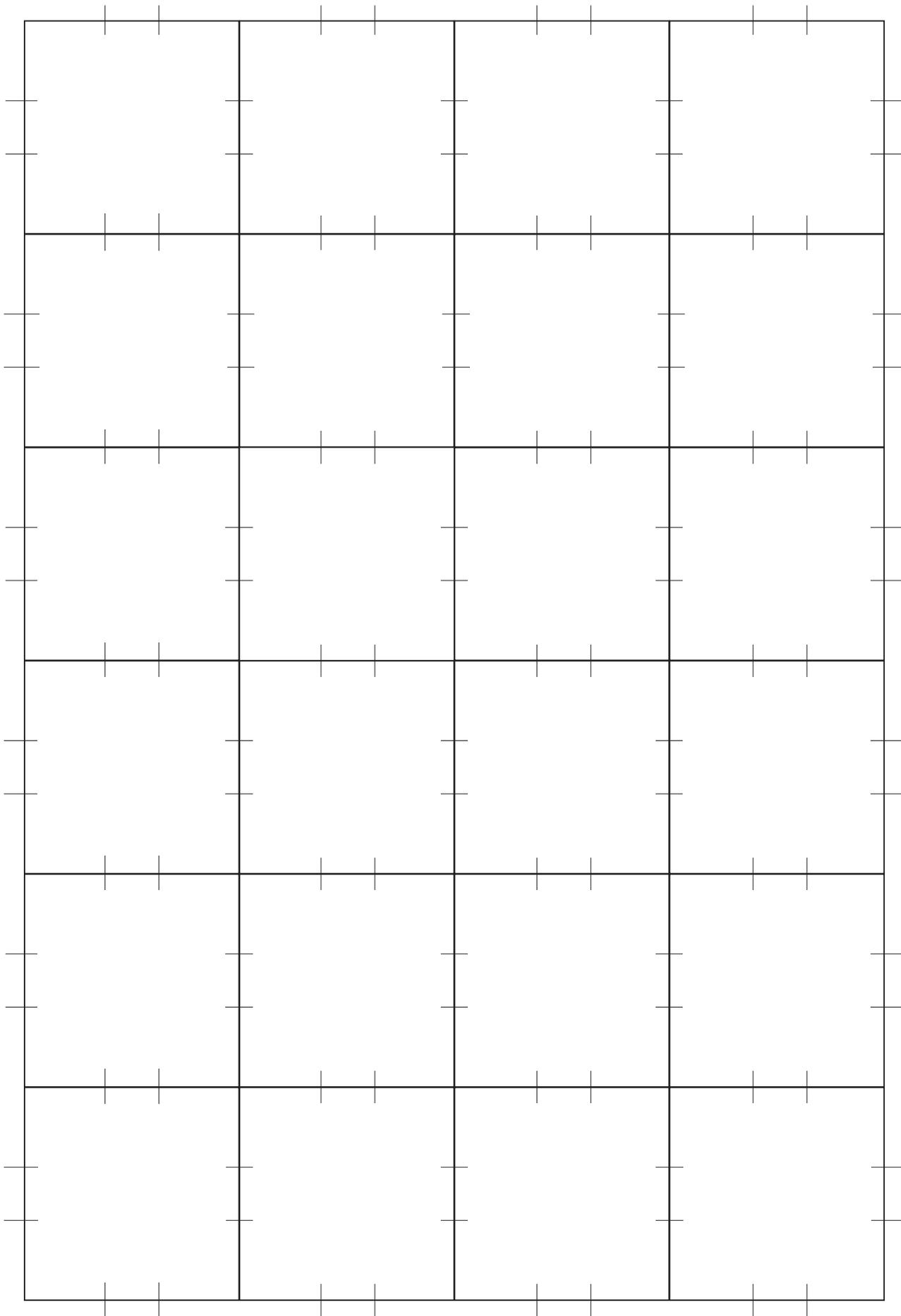
Step 1: Print off your Treasure Island template and the list of island adventures

Step 2: Cut up the list of island adventures, fold them up and put them in a bowl

Step 3: In your group or by yourself, pick out an adventure and draw it on your Island. You can have as many adventures on your island as you want. If you don't find the adventure you were after, make it up by drawing on your island.

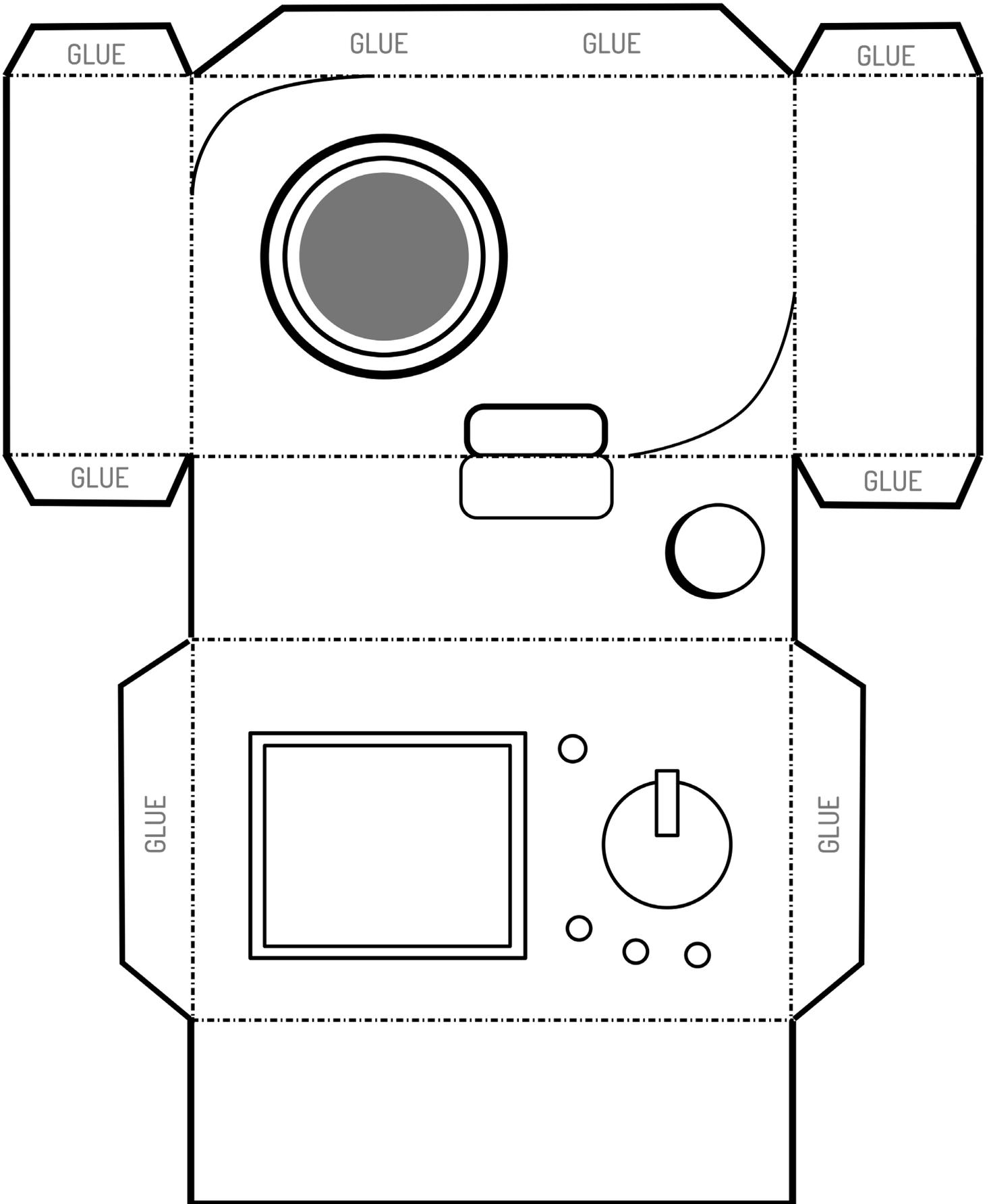
Step 4: Don't forget every treasure map needs a compass and a legend/symbol guide to the viewer to understand any icons that you have used to illustrate your adventures, i.e X marks the spot for buried treasure, quicksand could be yellow and you might need a symbol for shark infested waters.

Step 5: Swap maps with a friend and see if you can tell a story about their adventure on their island.



Camera

Color and cut out the camera.
Glue together into a box to assemble.



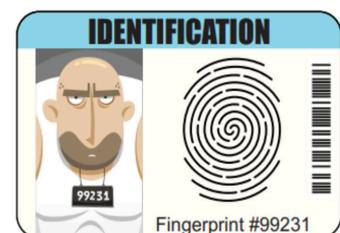
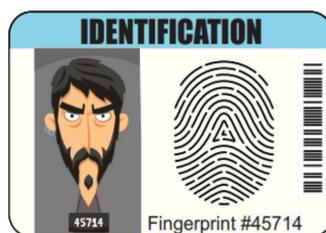
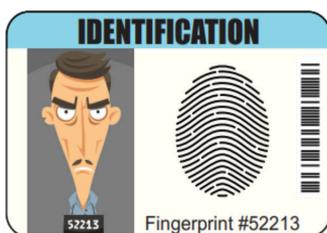
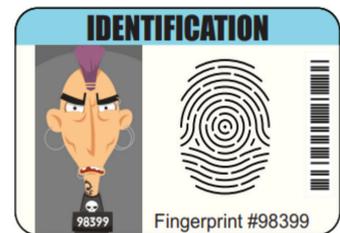
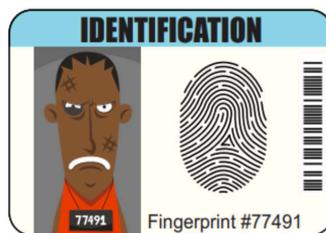
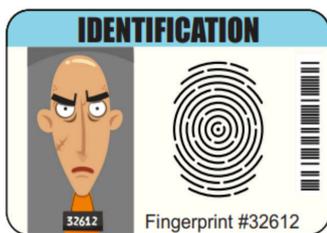
DETECTIVE CHALLENGE 1

FINGERPRINTS



THE CASE OF THE MISSING DIAMOND

One of six suspects stole the diamond. The five fingerprints that are below were not found on the door of the jewellery store. The suspect whose fingerprint is missing stole the diamond. Remember, you need to use all six identification cards to determine whose fingerprints are missing.



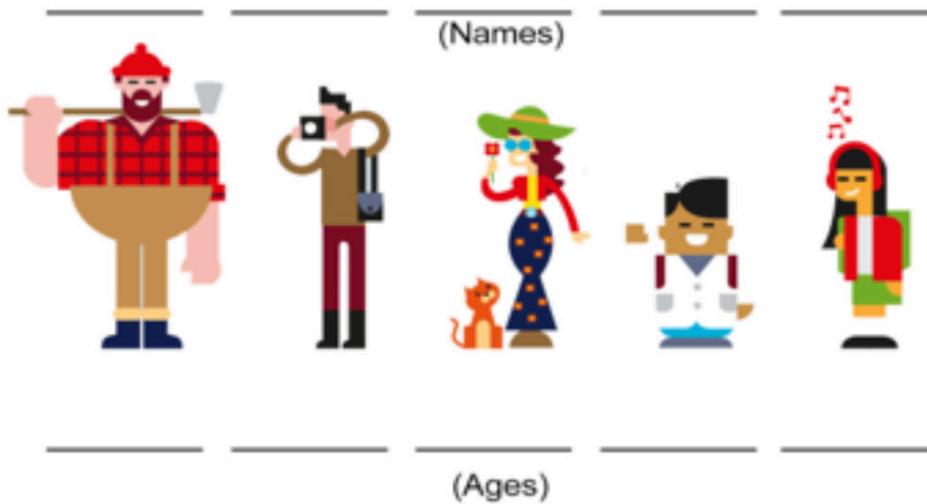
Who is the jewel thief?



DETECTIVE CHALLENGE 2

DEDUCTION

Can you figure out the names and ages of the suspects? They're not telling, but you have eight clues to figure it out...



Clues

 The woman with the cat is 30 years old	 Edward is to the left of Bob
 The tallest man is 40 years old	 Sally likes music
 Kumar is 55 years old	 Janet is next to the oldest man
 The youngest woman is 25 years old	 One of the men is 35 years old

DETECTIVE CHALLENGE 3

EYE WITNESSES STATEMENTS

DETECTIVE MISSION

Directions: Eye witnesses reported to the police that 6 people stole a highly valuable diamond necklace. Your job as a detective is to locate and number the 6 suspects based on the eye witness descriptions of the suspects.

SUSPECT #1 is wearing sunglasses and a hat

SUSPECT #2 has facial hair, striped shirt and an earring

SUSPECT #3 has an anchor tattoo

SUSPECT #4 has regular glasses and a checkered shirt

SUSPECT #5 has two earrings and a polka dot shirt

SUSPECT #6 has a white bow in dark hair

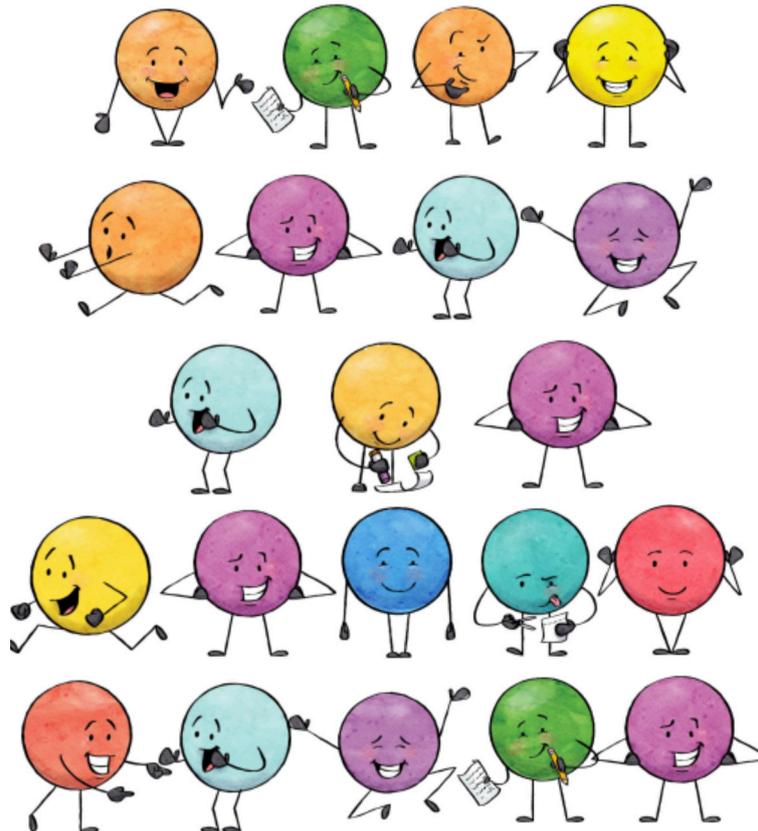


DETECTIVE CHALLENGE 4

CODED MESSAGES

You found a message written in code under the floorboards. You can't read it but you did find the key in the safe....What does the message say?

PUZZLE



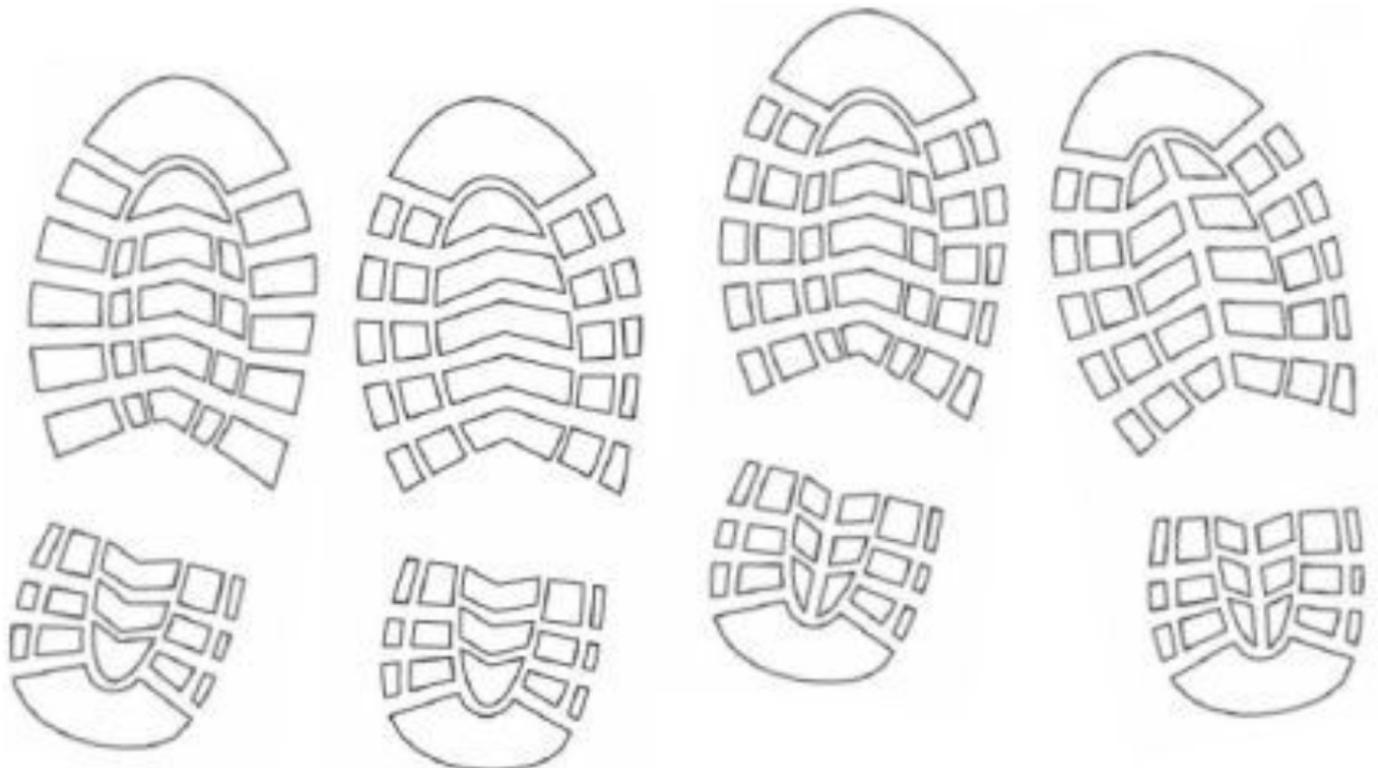
What Does It say?

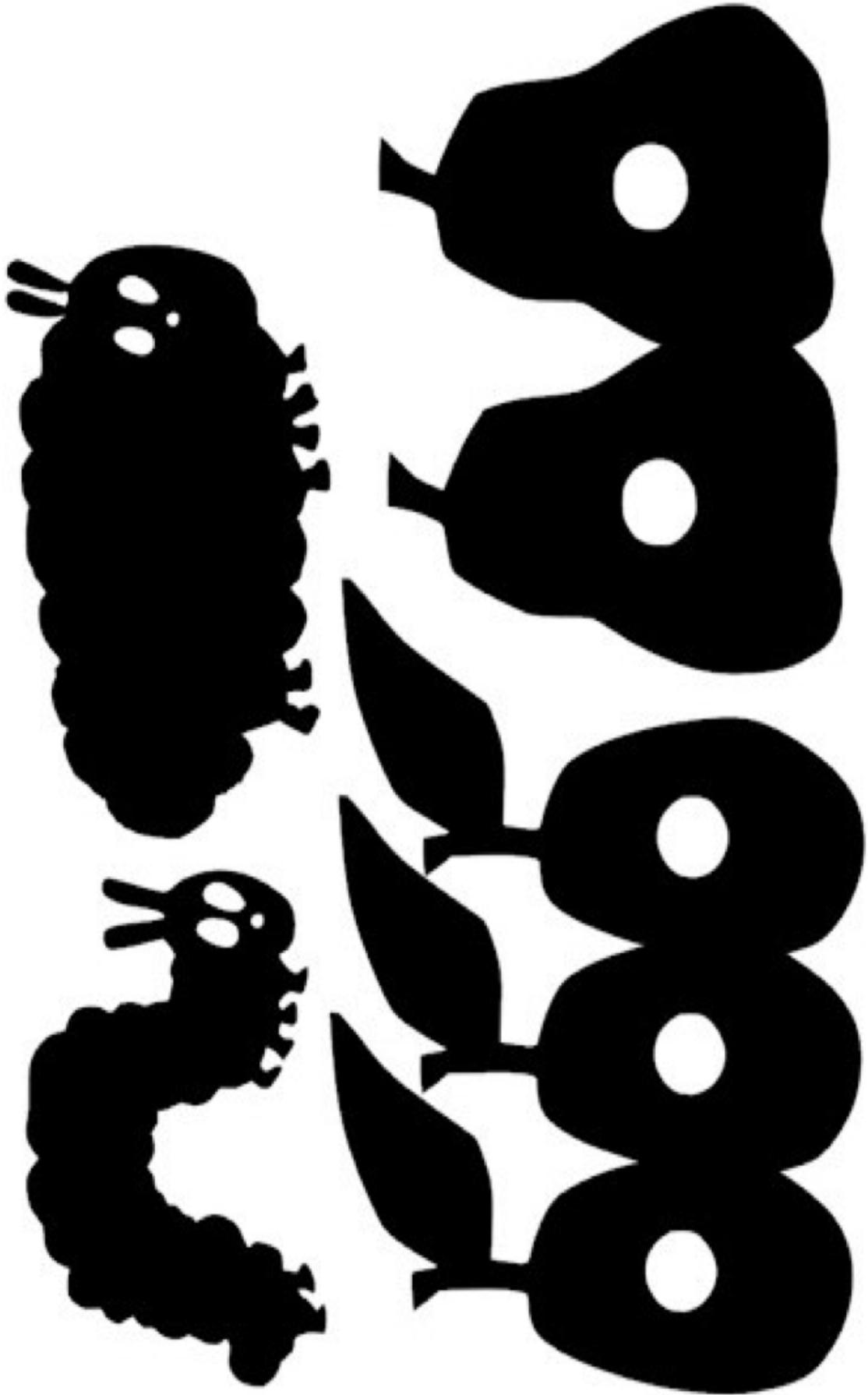
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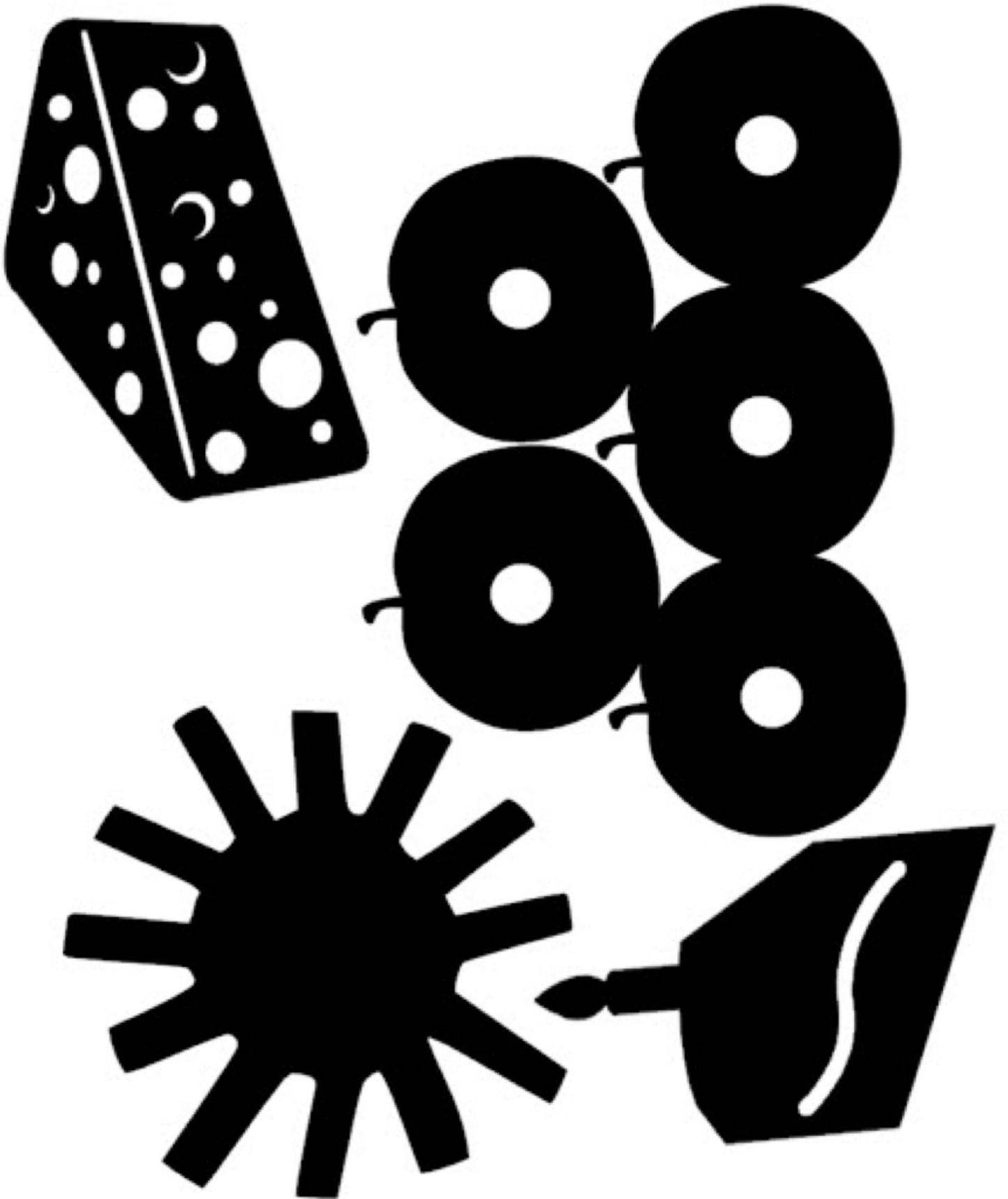
DETECTIVE CHALLENGE 5

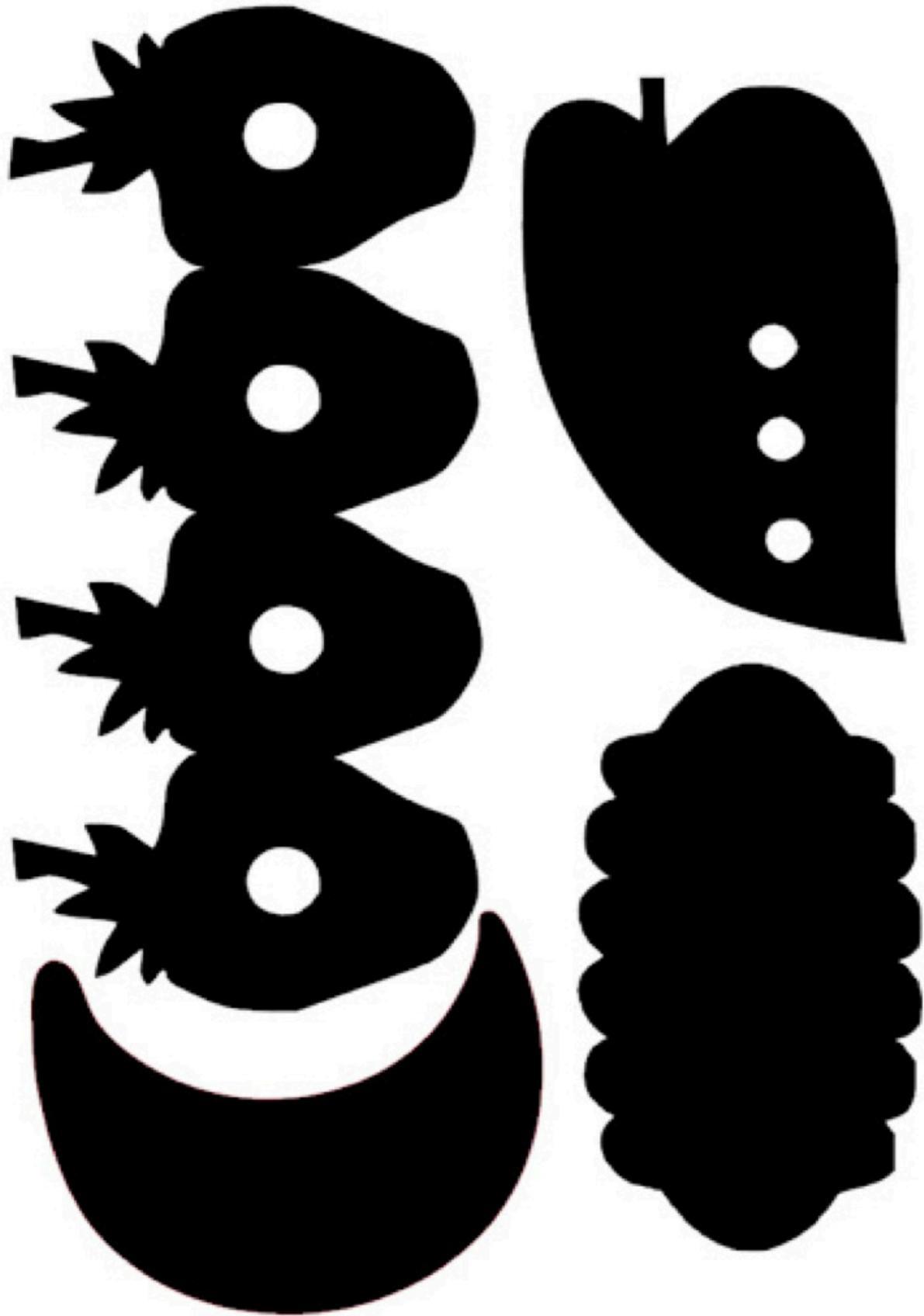
SHOE PRINTS

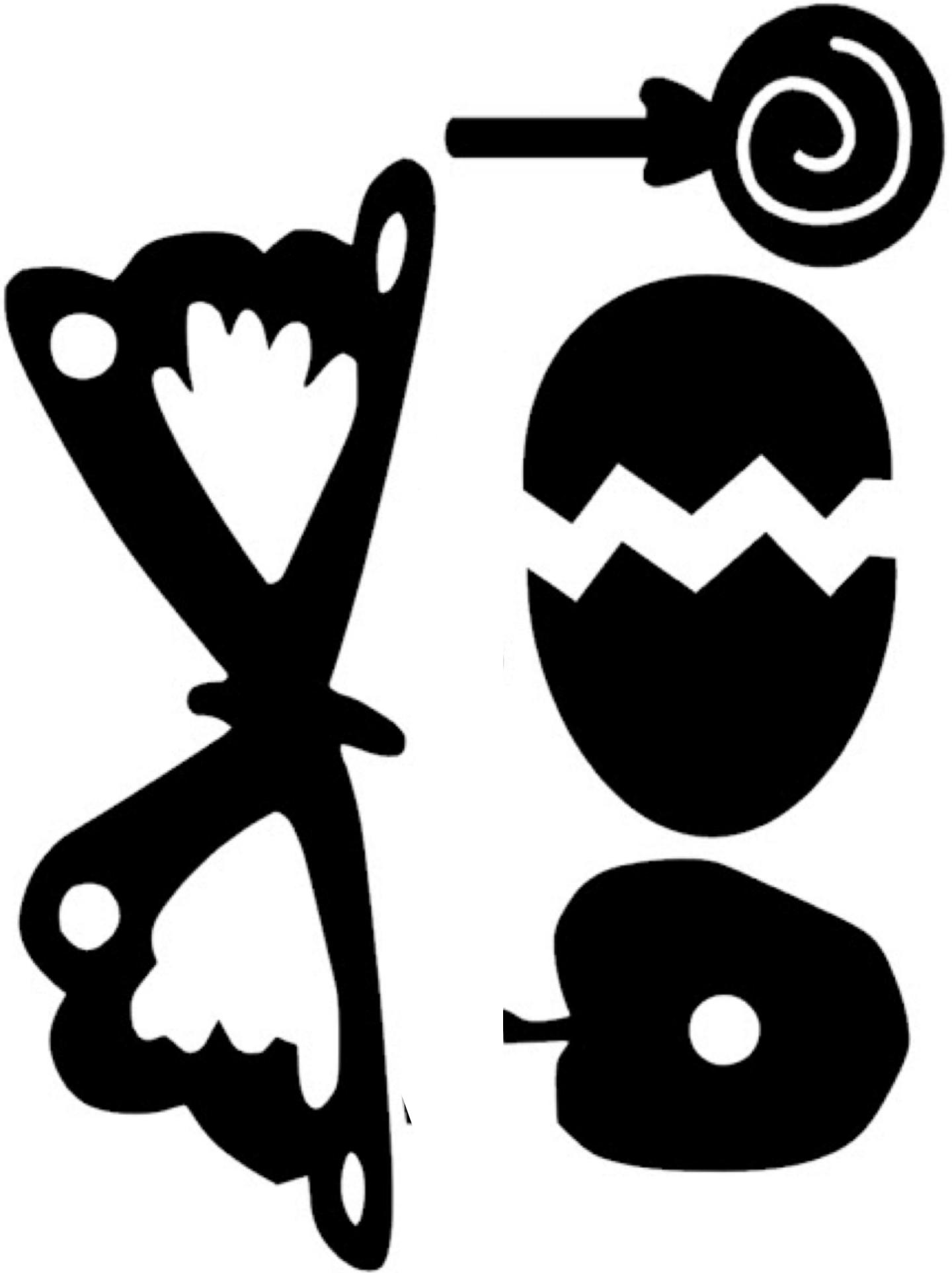
Sometimes shoe prints are perfect and complete, sometimes they are faint or incomplete. But each shoe print is unique and tells a story. There are eight shoe prints below, but only one pair. Can you determine which match?













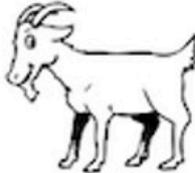
Picture Puzzler

If you find the correct letter for each clue, you'll spell a word that should make you happy!

1. Find a letter that is in  but not in  _____

2. Find a letter that is in  but not in  _____

3. Find a letter that is in  but not in  _____

4. Find the letter that is in  but not in  _____

5. Find a letter that is in  but not in  _____

Write your letters again here to spell a happy word: _____

Riddles

- a) Billy's mother had five children. The first was named Lala, the second was named Lele, the third was named Lili, the fourth was named Lolo. What was the fifth child named?
- b) Choose the correct sentence: "the yolk of the egg is white" or "the yolk of the egg are white."
- c) It's as light as a feather, but the strongest person can't hold it for more than five minutes. What is it?
- d) The more there is, the less you see. What is it?
- e) What gets more wet while it dries?
- f) You can find it in Mercury, Earth, Mars, Jupiter and Saturn, but not in Venus or Neptune. What is it?
- g) It likes food, but water kills it. What is it?
- h) What's full of holes but can still hold water?
- i) Which is heavier, a pound of feathers or a pound of rocks?
- j) How far can a dog run into the woods?
- k) You're driving a city bus. At the first stop, three women get on. At the second stop, one woman gets off and a man gets on. At the third stop, two children get on. The bus is blue and it's raining outside in December. What colour is the bus driver's hair?
- l) There are three houses. One is red, one is blue, and one is white. If the red house is to the left of the house in the middle, and the blue house is to the right of the house in the middle, where is the white house?
- m) It's at the centre of gravity and you can find it in Venus, but not Mars. What is it?
- n) What goes on four feet in the morning, two in the afternoon and three in the evening?
- o) What travels faster: heat or cold?
- p) A man was walking in the rain in the middle of nowhere without a coat or an umbrella. He got soaked, but not a single hair on his head was wet. How can this be?
- q) A cowboy rode into town on Friday. He stayed in town for three days and rode back out on Friday. How is this possible?
- r) Two boxers are in a match scheduled for 12 rounds. (Pure boxing only - no kicking, UFC takedowns, or anything else). One of the boxers gets knocked out after only six rounds, yet no man throws a punch. How is this possible?

Answers

- a) Billy b) Neither. Egg yolks are yellow, not white! c) Breath d) Fog e) A towel f) The letter "R" g) Fire h) A sponge i) Neither. Both weigh a pound! j) Halfway. Once it reaches halfway, it's running out of the woods. k) Whatever color your hair is. Remember, you're driving the bus! l) In Washington, D.C. m) The letter "V"
 n) A human. The times of day represent stages of human life. At the beginning of life, a baby crawls on four "feet." As a person gets older, they walk on two feet. Later in life, a person will walk on three "feet" (two feet, plus a cane to help them walk). o) Heat travels faster, because you can catch a cold! p) He was bald. q) The horse's name was Friday. r) The two boxers are women.

Math Riddles

- a) Divide 30 by $\frac{1}{2}$ and add 10. What's the answer?
- b) A clerk at the butcher shop is six feet tall and wears size 10 shoes. What does he weigh?
- c) A farmer has 19 sheep on his land. One day, a big storm hits and all but seven run away. How many sheep does the farmer have left?
- d) Your sock drawer only contains 18 white socks and 18 blue socks. How many times do you need to reach inside the drawer and take out a sock to guarantee a matching pair?
- e) You planted sunflower seeds in your back garden. Every day, the number of flowers doubles. If it takes 52 days for the flowers to fill the garden, how many days would it take for them to fill half the garden?
- f) Using only addition, how can you use eight eights to get the number 1,000?g) When Ashley was 15, her mother was 37. Now, her mother is twice her age. How old is Ashley?

Answers

a) It's 70. You're dividing 30 by $\frac{1}{2}$, not by two. Thirty divided by $\frac{1}{2}$ is the same thing as multiplying it by two, which is 60. Plus 10 makes 70!

b) Meat. He works at the butcher shop, so he weighs meat for a living.

c) Seven. The riddle says all but seven run away, meaning there are seven left who didn't.

d) Three times. On the third time, you'll get either a white or a blue sock to match with one of the other two you've already grabbed.

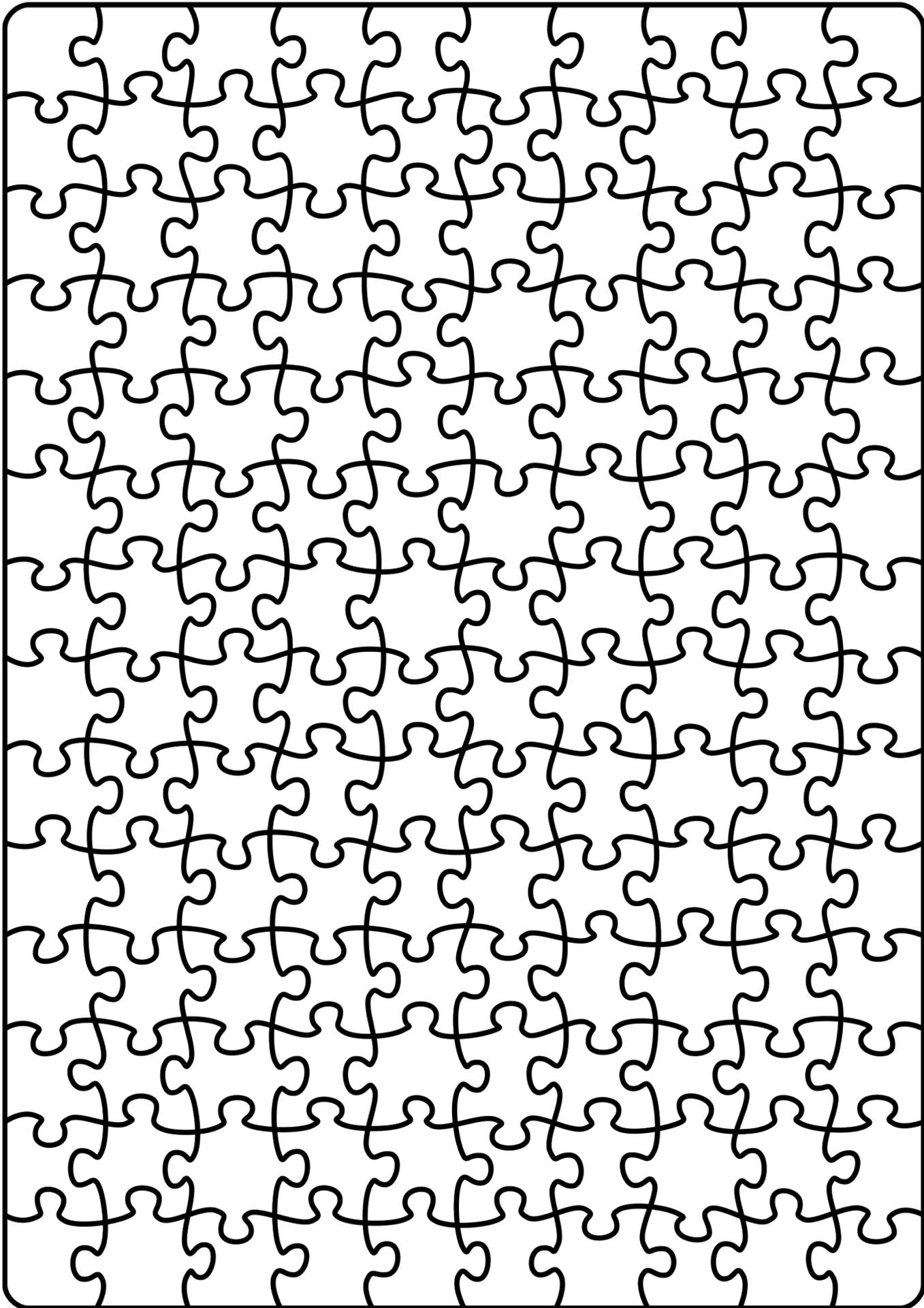
e) It would take 51 days. If the number of flowers doubles every day, half the garden would be full the day before, on the 51st day.

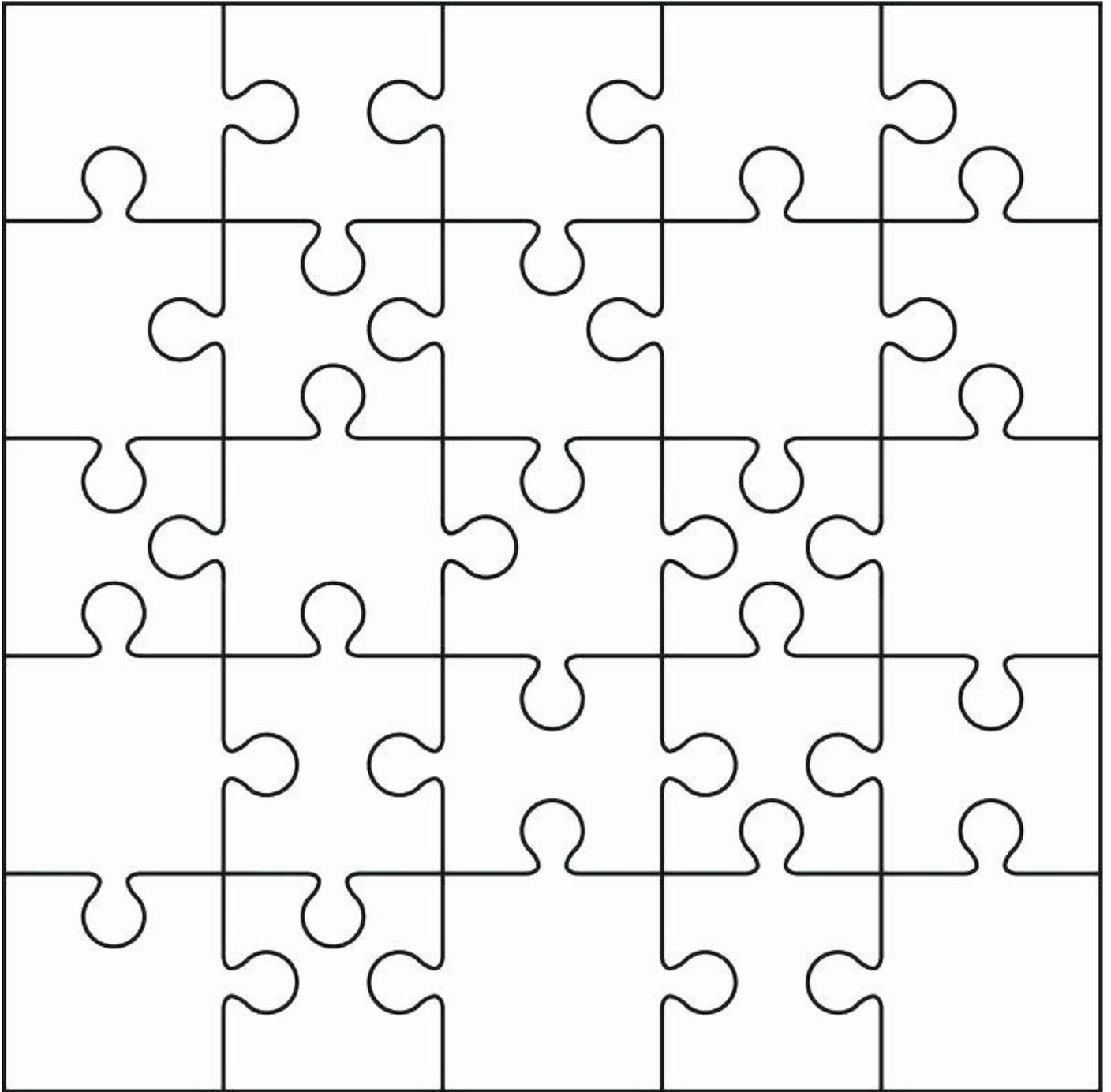
f) $88 + 88 + 8 + 8 + 8 + 8 + 8 + 8$ Ashley is 22. Her mother is 22 years older, so when Ashley is 22, she's now half her mother's age.

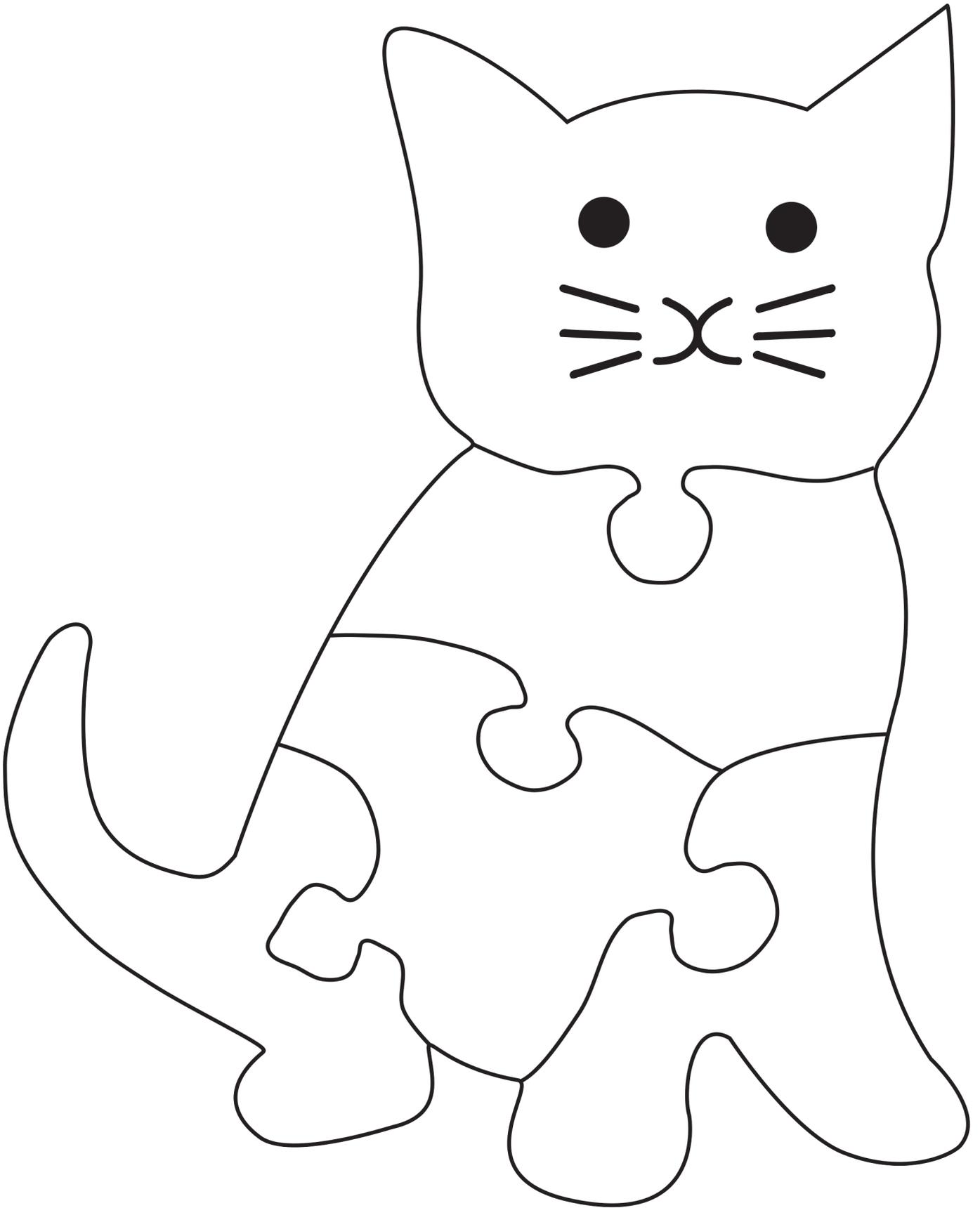
  **Activity 6 Template - Secret Code Hieroglyphics**

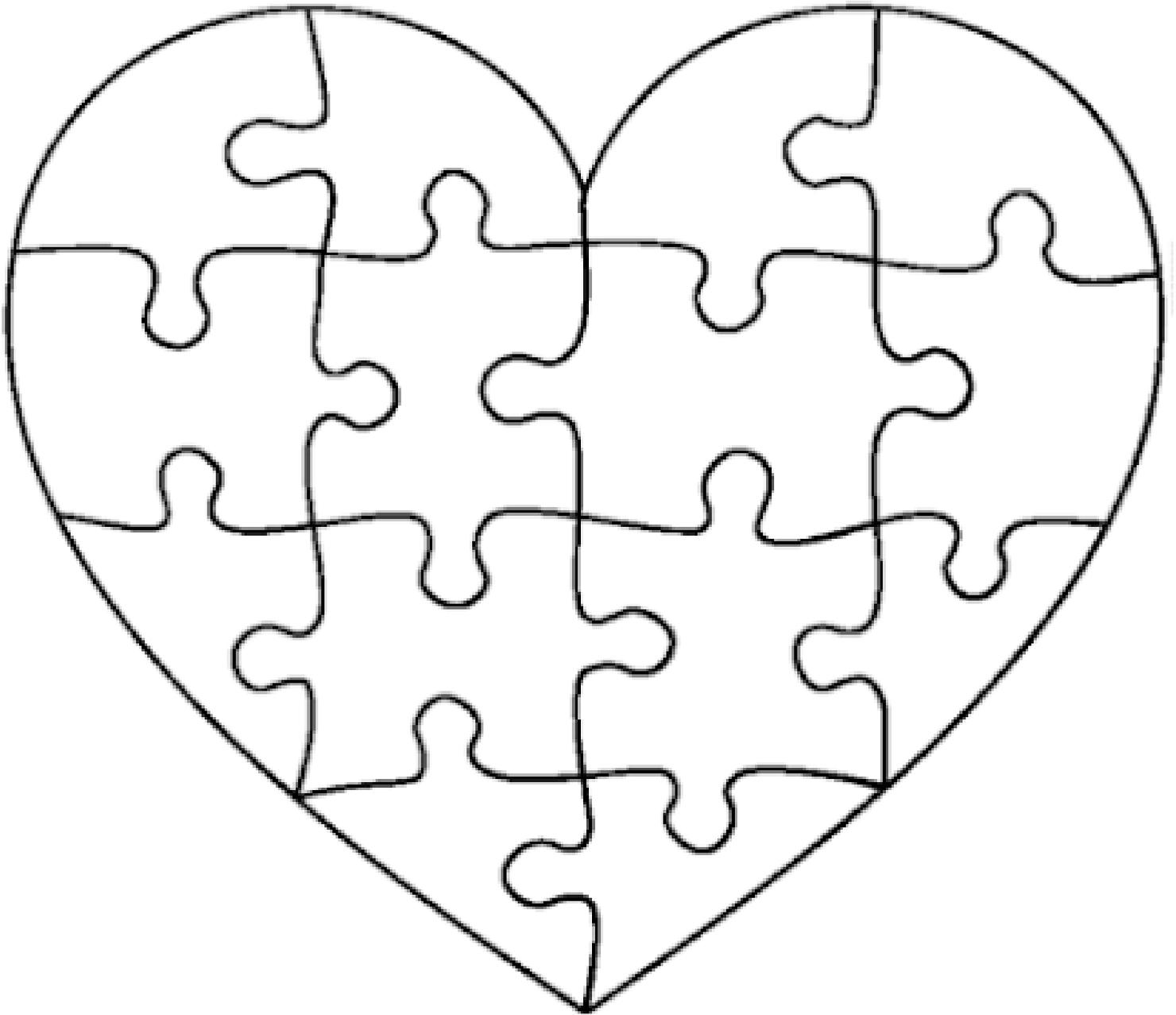
A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	?	?	?	?





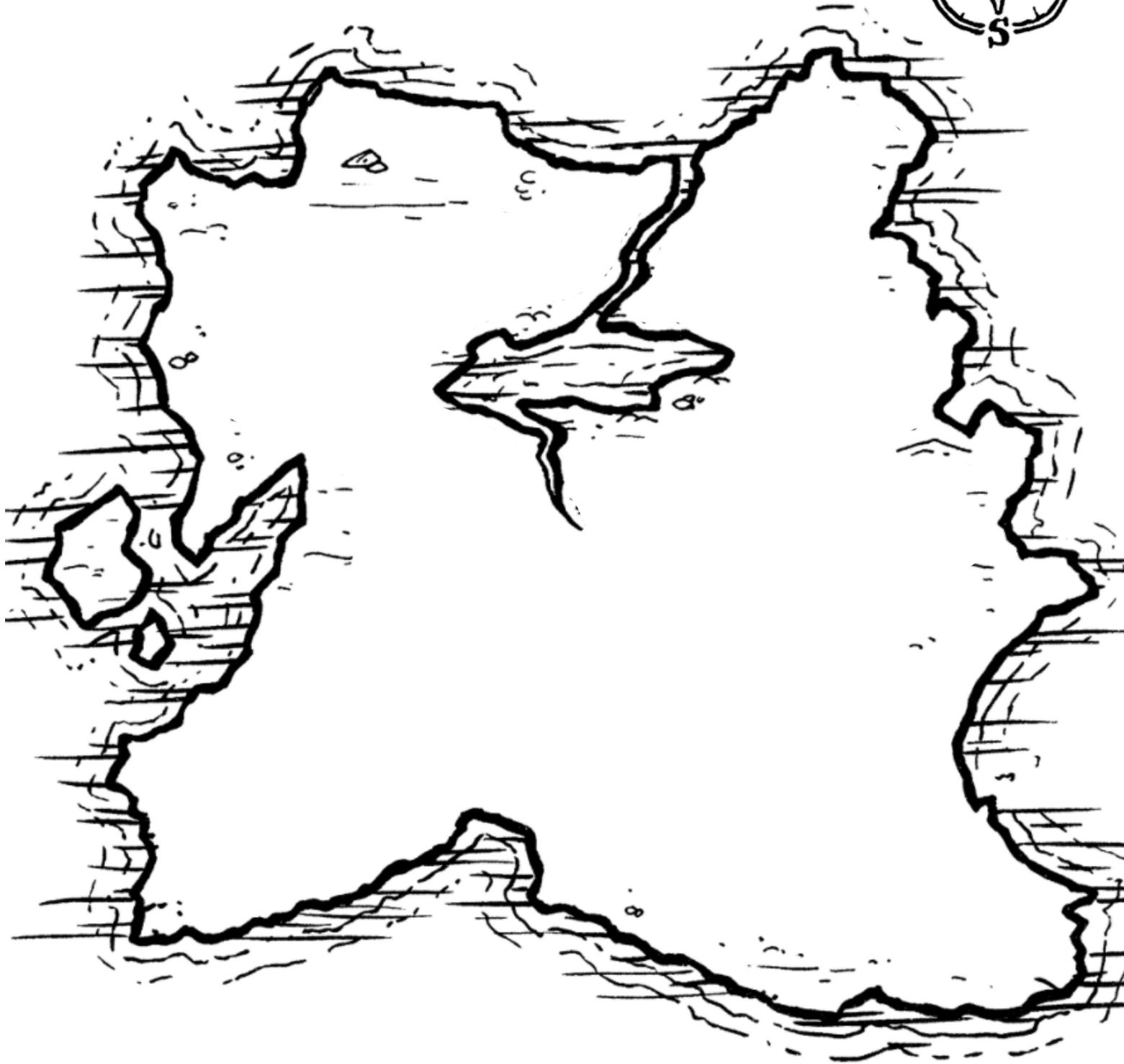






Treasure Island Adventures

pirate ship	Wildlife Savanna Plains	lions & tigers
haunted grave yard	Piranha filled lake	ghosts and ghouls
spooky castle	vampire cave	pixies & goblins
volcano	Gingerbread house	sharks and crabs
jungle full of monkeys	Crystal Valley	tropical fish
Quicksand	UFO spaceship landing site	Aliens
Isle of Mermaids	candy cane mountains	Monsters driving Monsters Trucks
Field of fairies	Unicorn racing	food trucks
enchanted forest	mini golf course	Bowling alleys
magic icecream mountain	clouds of pizza	Footy games
Kitten parade	garden maze	Giant chess board
Sea Monsters	race track	Brightly coloured parrots
robot mega city	science experiment lab	



LEGEND

