

# The Creativity Prescription

facilitated by Lisa Van Gemert

## Let's Connect!



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[slideshare.net/lisavangemert](https://slideshare.net/lisavangemert)

## #1: Timeline

1. Make a list of what you will teach for the year, broken down into segments, topics, or units.
2. Connect each item to a punny description, a theme, or a quote (or a combo pack).
3. Add a great image (and use fun fonts). {find good images at [pixabay.com](http://pixabay.com) and fonts at [fontsquirl.com](http://fontsquirl.com)}
4. Print it out, laminate it, and hang it on the wall! Attach a die-cut shape to a clothespin, and then use that to mark your progress.

## #2: Quotes & Comics

Mathematics is made of 50% formulas, 50% proofs, and 50% imagination.

The scientific theory I like best is that the rings of Saturn are composed entirely of lost airline luggage. – Mark Russell

If one morning I walked on top of the water across the Potomac River, the headline that afternoon would read: "President Can't Swim." - Lyndon B. Johnson

I don't know which is more discouraging, literature or chickens. – E.B. White

## #3: Tom Sawyer the Task

Guiding Principle: How can you make it play?

“Work consists of whatever a body is obliged to do. Play consists of whatever a body is not obliged to do. – Mark Twain

Sprite Vocabulary Challenge (see Appendix)

## #4: Creative Calendars

Guiding Principle: Give 'em a reason to stick it on the fridge. (see Appendix)

Include:

- assignments
- related trivia
- connections with home
- technology (qr codes – [qrstuff.com](http://qrstuff.com))
- birthdays
- images
- quotes
- coupons for free homework passes or extra credit or other surprise

Create calendars here [eprintablecalendars.com](http://eprintablecalendars.com)

Other ideas:

Post the calendar online

Ask students or parents for ideas and contributions (a contest?)

## #5: Concept Capsules

(see Appendix)

Include:

- definition/information
- cool fonts and images or paper

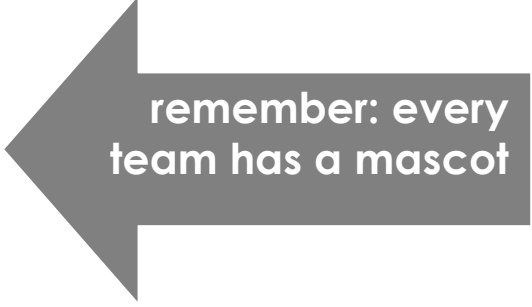
- QR codes for more information
- past assessments with that concept in the question

## #6: Zentangle

(see Appendix)

## #7: Environment

Signs and slogans. Inject fun.  
What's on your desk? It sets the tone.  
Get a mascot.



remember: every  
team has a mascot

## #8: Use music

Give activities a soundtrack.  
What can you sing it to?

## #9: Crowd Source Consulting

(See Appendix)

## #10: Props

# #11: Morphological Matrix

- i. Why use it?
  1. stimulate change/improvement
  2. produce large number of options quickly
  3. explore new combinations
  
- ii. Uses 3-5 key parts to generate new options. Each element is a column. A matrix with five components and four options generates 1024 possibilities.
  
- iii. How to use it?
  1. establish goal
  2. identify 3 – 5 key categories of the task
  3. write each category at the top of a column in the matrix
  4. ask group members to list the different forms that these categories could take
  5. randomly select one element from each column and ask
    - a. what does this combination suggest to you?
    - b. what do you get when you cross these elements together?
    - c. repeat until you have many combinations

Use it to create: a country, a poster, a web page, a story, etc.

Variables	Numbers	Operations	Extras
x, y	odd	+, -	exponents
n, m	even	x, ÷	square roots
a, b	>20	+, -, x, ÷	parentheses
m, n	< 20	+, x	
t, z	prime	-, ÷	

Bread	Filling	Extras	Condiments
whole wheat	turkey	lettuce	mayo
white	tuna	tomato	mustard
rye	veggie	onion	oil
pumpernickle	roast beef	peppers	vinegar
7-grain	ham	olives	salt & pepper

# #12: Labyrinth

- printable finger labyrinth: [bit.ly/labyrinth-1](http://bit.ly/labyrinth-1) or [bit.ly/labyrinth-2](http://bit.ly/labyrinth-2)
- idea for using in class: [csee.org/?PathmapsLabyrinths](http://csee.org/?PathmapsLabyrinths)
- purchase finger labyrinths: [relax4life.com/prodindex.htm](http://relax4life.com/prodindex.htm)

## How to Draw a Labyrinth:

Draw a cross

Now draw an "L" in each of the 4 quadrants

and place a dot at each angle of the "L"

Place your pencil at the top of the cross, and draw a curve connecting the next line to the right.

Now move to the top of the next line on the left, and connect it to the next dot on the right.

Continue connecting each line and dot, always moving from top left to next on right.

## Labyrinth at Chartres



# Appendix: Where you find examples of the cool stuff



THIS CERTIFIES THAT

STUDENT NAME

HAS COMPETED IN AND EMERGED VICTORIOUS FROM THE

**SPRITE VOCABULARY CHALLENGE**

AND IS HEREBY AWARDED THIS CERTIFICATE IN RECOGNITION OF THIS BUBBLY ACHIEVEMENT.




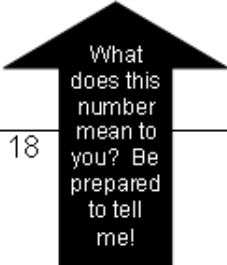










April 25, 2012

Date



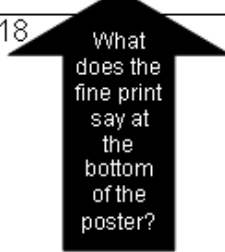

\_\_\_\_\_  
Contest Administrator

# MRS. VAN'S APRIL 2012 CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Parents: Get the full information on our "Create a State" Project by scanning the QR code in the box below.	2 This week's topic: Begin Landforms	3 Folder check 	4	5 E.L.O.: Create a State project part 1 	6 Early Dismissal Read a Book! Comment on Mrs. Van's blog about it!	7
8  Can't scan it? Visit <a href="http://www.bitly/stateproject">http://www.bitly/stateproject</a>	9 This week's topic: More Complicated Landforms	10 <b>NTP: Make sure you check your child's folder for any unfinished work!</b>	11 <b>50</b>  What does this number mean to you? Be prepared to tell me!	12	13  Birthday Boy: Thomas Jefferson	14 Movie Moment: Pocahontas. Book Companion: <i>The Double Life of Pocahontas</i> by Jean Fritz. Compare the book and the movie!
15 Do you recognize this state? 	16 This week's topic: Really Scary Stuff!	17	18	19 E.L.O.: Create a State project part 2 	20 <b>concept capsule contest</b>	21 Name that flag 
22	23  Birthday Boys: Shakespeare and James Buchanan (odd combo – you know what that means!)	24 Folder check 	25 <b>Knowledge Demo:</b> Landforms	26 <b>Afternoon at the Movies: Surprise!</b> 4pm – 5:45pm	27  Birthday Boy: Ulysses S. Grant	28  Birthday Boy: James Monroe
29	30	<b>The government is us; we are the government, you and I.</b> Theodore Roosevelt				



# AP GOVERNMENT APRIL 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
1	2	3	4	5	6	7	
		Blog post due. 	<b>Knowledge Demo:</b> Supreme Court*	HW: Read democracy paper and be prepared to argue with me about it	Blog response due		
8		10	11	12	13	14	
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">             Can you identify four of the symbols in the seal? Oh, yeah? Prove it.           </div>		HW: create POTUS FB status for last Tuesday		<b>Afternoon at the Movies:</b> <i>All the President's Men</i>	 Birthday Boy: Thomas Jefferson	Tweet Home Alabama: Tweet to #apvangox what page you're on in "Advise and Consent"	
15	16	17	18	19	20	21	
		<b>Supreme Court Project Due. Just do it.</b>		Writing Symposium: Prepare to Engage	Tweet Home Alabama: Tweet to #apvangox two reasons SC justices should NOT have life terms	Name that flag 	
22	23	24	25	26	27	28	
	Birthday Boys: Shakespeare and James Buchanan (odd combo – you know what that means!)	Blog post due. 	<b>Knowledge Demo:</b> I'm Just a Bill*	<b>Afternoon at the Movies:</b> <i>The War Behind Closed Doors</i>	Blog response due  Birthday Boy: Ulysses S. Grant	Birthday Boy: James Monroe	
29	30	<div style="border: 2px solid black; padding: 10px; margin: auto;">             We hang the petty thieves and appoint the great ones to public office. - Aesop           </div>					

# Define: Cleavage

- ethnic, racial, class, gender, religious, and/or regional divisions within society
- patterns of conflict between groups (exclusion, removal, forced assimilation, genocide)
- government responses to problems from social cleavages (extending citizenship, full participation, constitutional provisions protecting rights, federalism, devolution)
- cross-cutting v. cumulative cleavages: conflict **most likely** when cumulative
- cross-cutting
  - example:
    - nationality, class, fundamentalist/secular cleavages cross-cut religion in Islamic world
- cumulative
  - example:
    - class and religious differences largely coincide in Northern Ireland
    - Catholics tend to be less well off
    - Protestants more well off



This is the statue of reconciliation in North Ireland. Quick! What kind of cleavage exists here? Ha! You know it!

more  
info  
here



From 2004 Exam:

Social Cleavages, including ethnicity, region, class, and religion have important implications for political parties.

- Describe a major social cleavage in France, and explain how a specific political party has responded to it.
- For the response explained (a), describe one consequence of the party's response in France.
- Describe a major social cleavage in India or Mexico or Nigeria, and explain how a specific political party has responded to it.
- For the response explained in (c), describe one consequence of the party's response in India or Mexico or Nigeria.



**Bringing it home: What cleavages exist in our school? Are they cumulative or cross-cutting? If you were the principal, how could you reduce conflict caused by the cleavages? On a scale of 1 – 10, how likely is cleavage-based conflict on our campus? Which cleavage on campus is most divisive? Is it most dangerous?**



## An introduction to...Zentangle®

Anything is possible...one stroke at a time.

Zentangle® is an art form developed by Rick Roberts and Maria Thomas (who graciously allowed me to use their images for this handout). In Zentangle, repetitive patterns fill defined spaces to form beautiful and complex designs that are deceptively simple to create. Just as important as the actual drawing is the feeling associated with it. Zentangling is relaxing, not stressful. There is no wrong – no “bad” Zentangling.



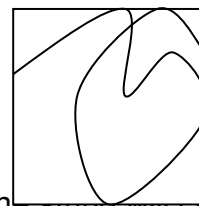
The best way to learn (if you are not near Rick & Maria to take a class) is to either find a Certified Zentangle Teacher in your area or purchase the kit from zentangle.com that has an instructional video. The directions below are simply a teaser and not a substitute!

**Supplies:** (note: a kit is available from Zentangle.com with all the supplies you need. If you can't wait to start, you can use the items described below.)

1. Paper: typically, Zentangles are created on 3 ½ x 3 ½ “tiles” of high-quality cotton artists’ paper. You may use other paper, but use the best you can find. I have Zentangled on an airplane napkin, but it’s just not the same!
2. Pens – Sakura Pigma Micron 001 (.25 mm) in black are the Zentangle pen of choice. You can find them at any hobby or craft store, online, or in the Zentangle kit. Again, I have used other pens with mixed success. The Sakura’s are always great.
3. Pencil – any pencil will do.

### Basic How-to:

1. Using the pencil, draw four dots in each corner of the tile.
2. Connect the dots.
3. Still using the pencil, create the “string” by drawing with the pencil. The string will create the different defined spaces that will be filled with “tangles.” There is no right or wrong, correct or incorrect. Use flowing motions and freeform shapes.
4. Fill the spaces created by the string with different patterns, or tangles.
5. Turn the tile as you work in any way that is comfortable for you.
6. Erase the string when you are done, and use your pencil to shade the zentangle.



Note: The tangles may look complicated, but do not be intimidated. They break down in simple strokes that anyone can do. There are no mistakes, although you may make a mark that changes the pattern in an unexpected way.

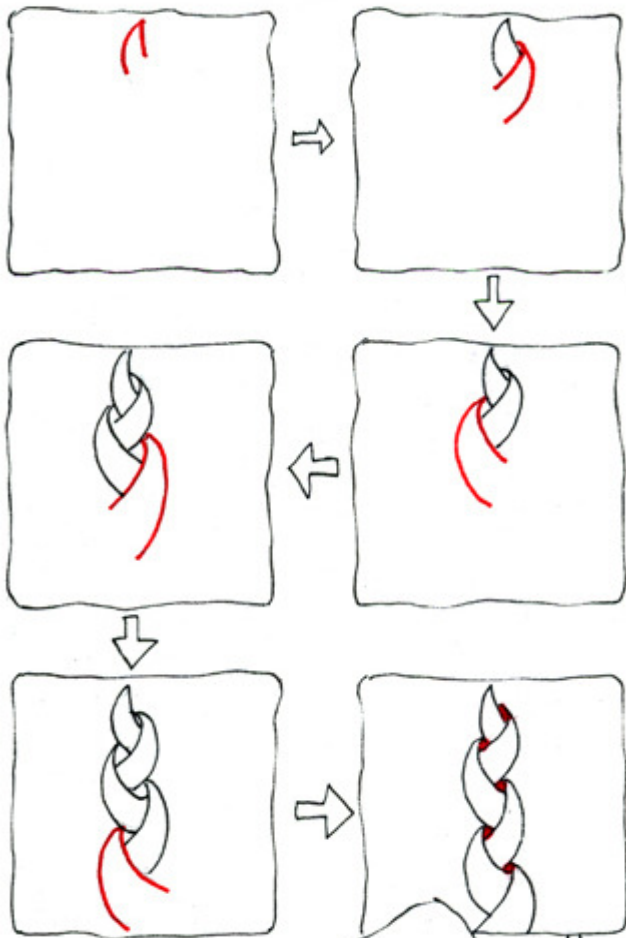
Additional Resources:

<http://zentangle.blogspot.com/>

<http://tanglepatterns.com/tag/zentangle>

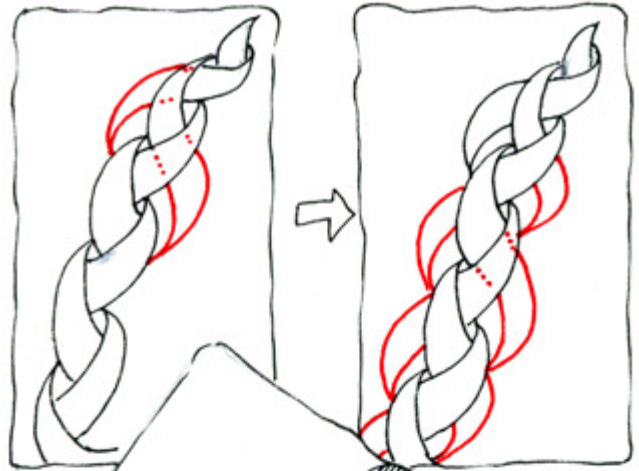
<http://www.squidoo.com/zentangle-workshop>

# CHANGING



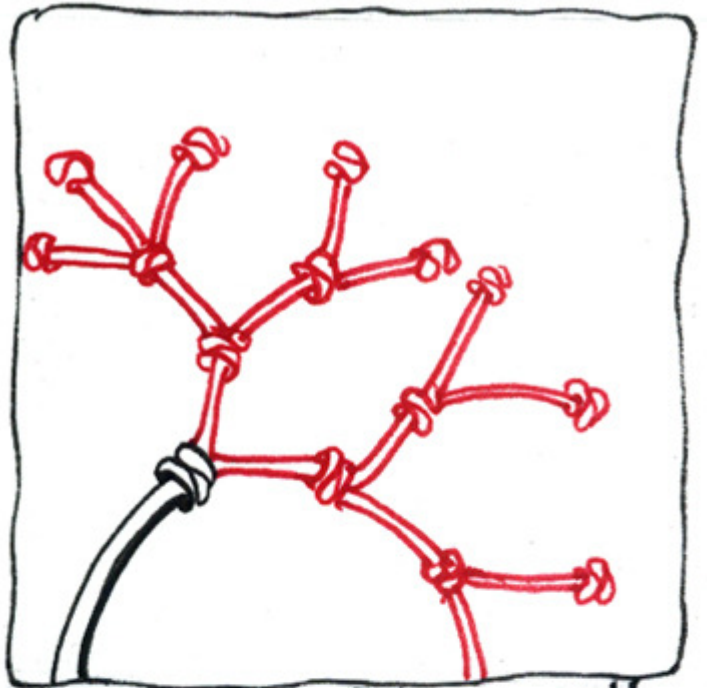
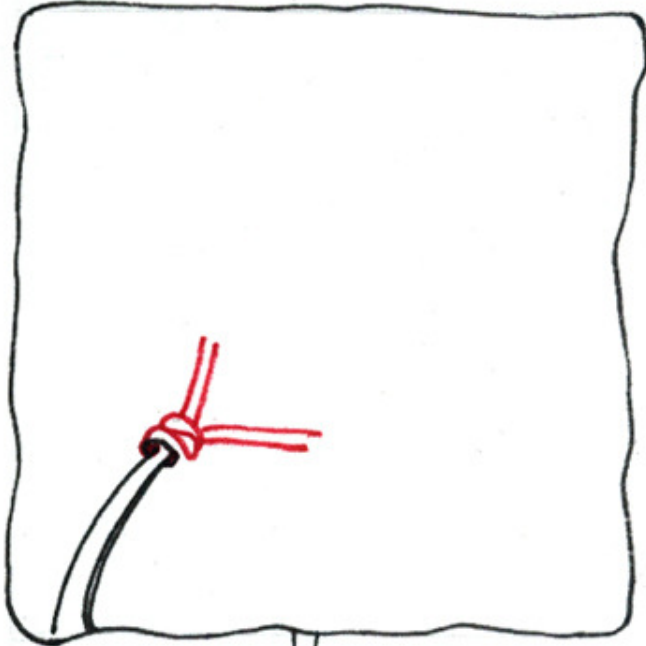
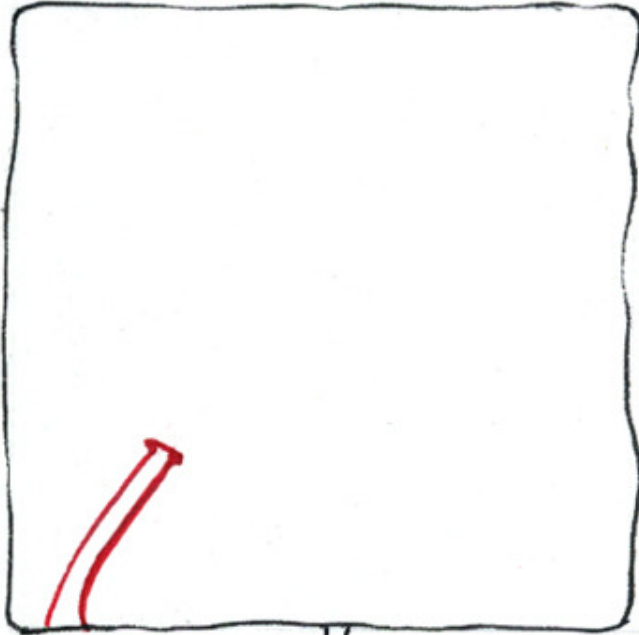
*then add  
some Zing!*

Here are some tangles with instructions, courtesy of zentangle.com. All completed tangles are the work of Maria Thomas and are printed here with her kind permission. On the Zentangle site, they have some coloration, which makes them easier to see clearly. Just one more reason to visit!

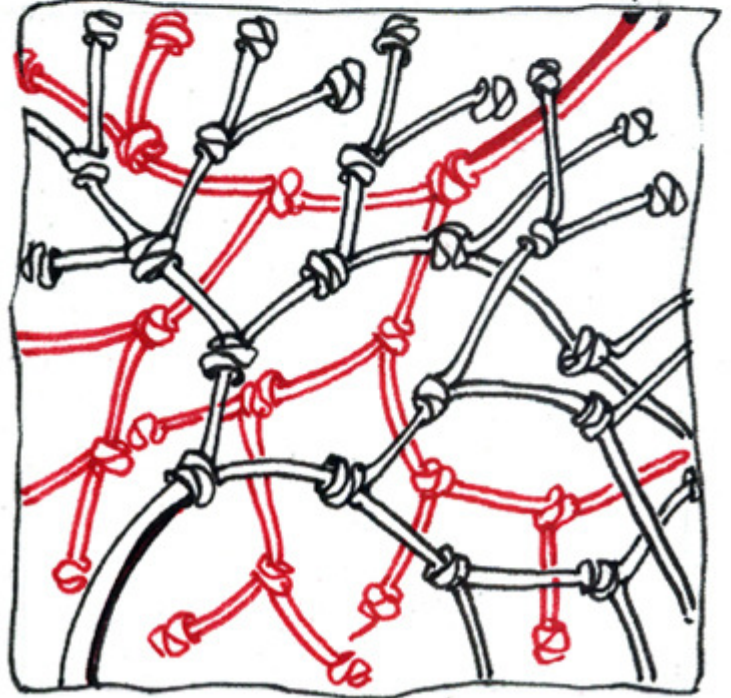


# PENDRILLS

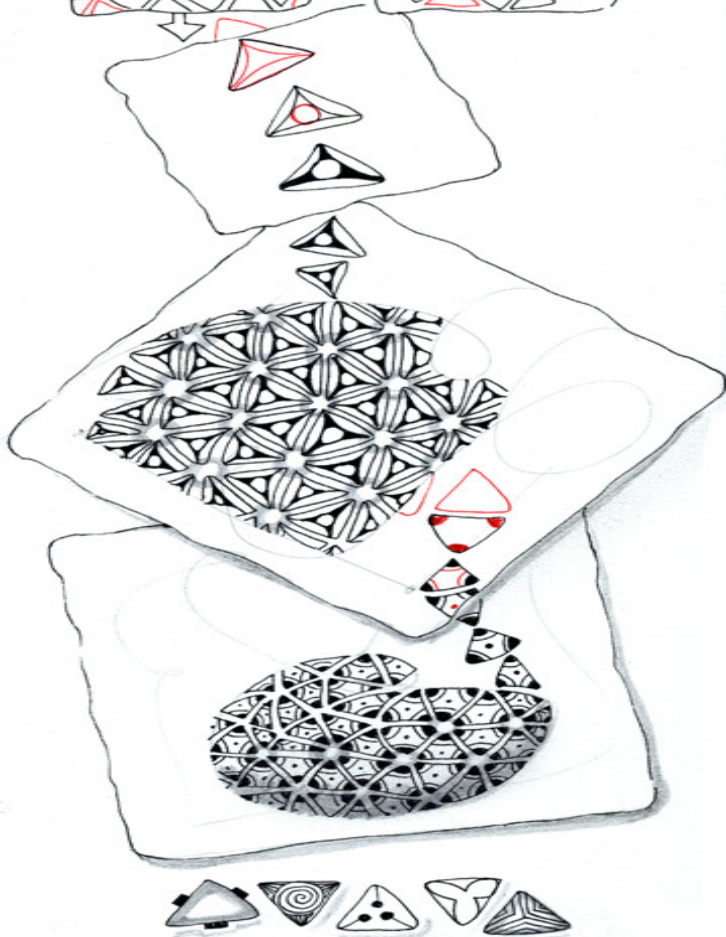
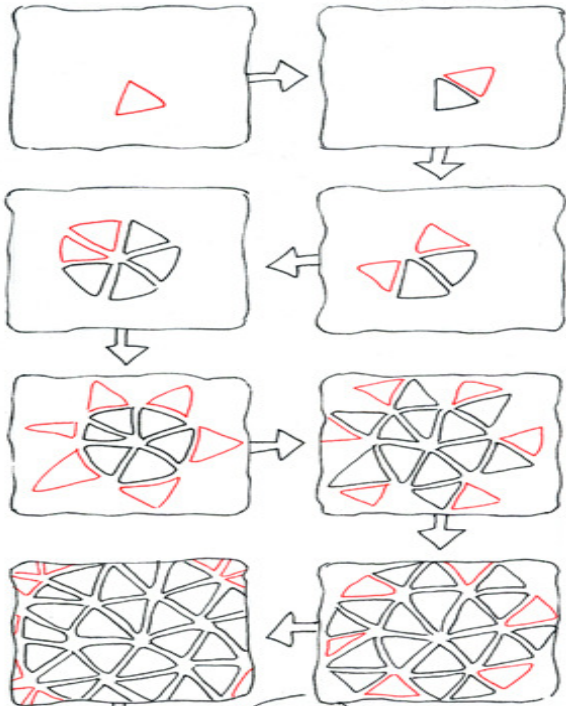
*inspired by the beauty  
of grape vines!*



TURN  
180° REPEAT



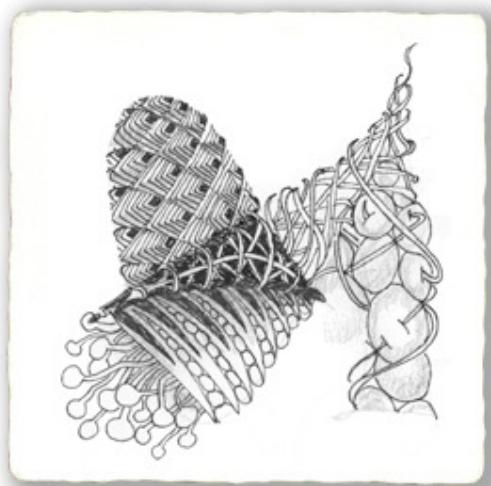
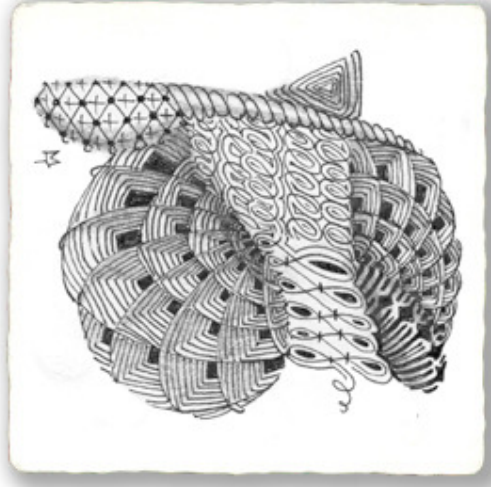
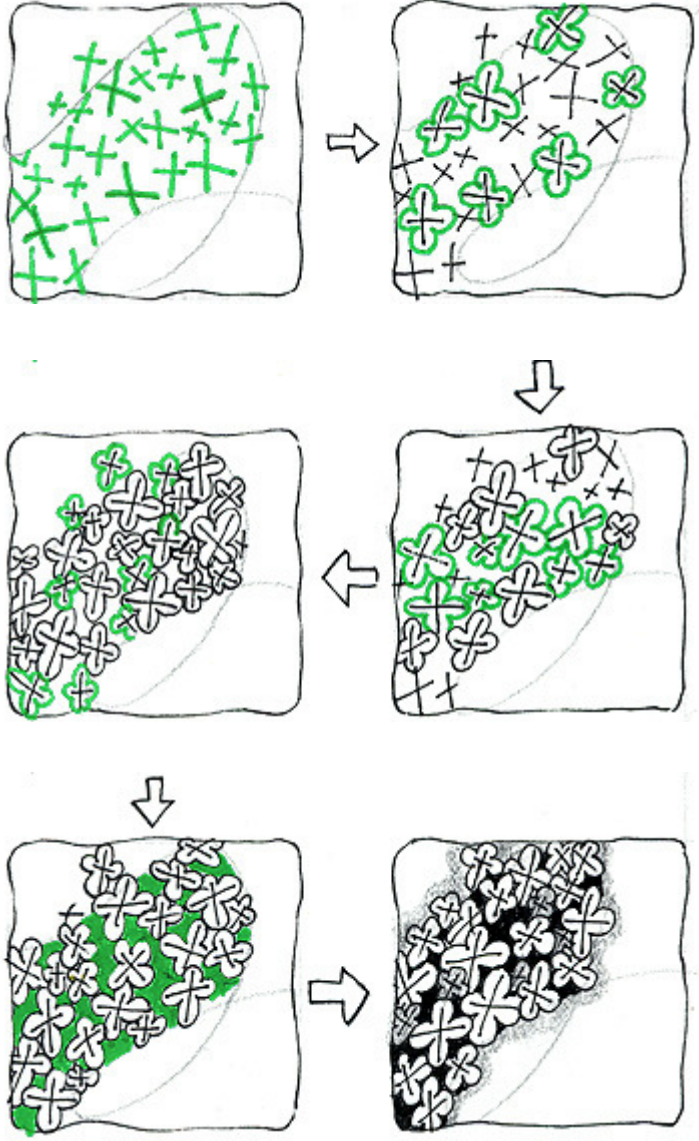
TRIPOLI :  The new GRID IN TOWN



There are some terrific YouTube videos of Maria demonstrating patterns, and you can find lots more on their website [zentangle.com](http://zentangle.com), as well as on flickr and many other sites.

# SH•ROCK

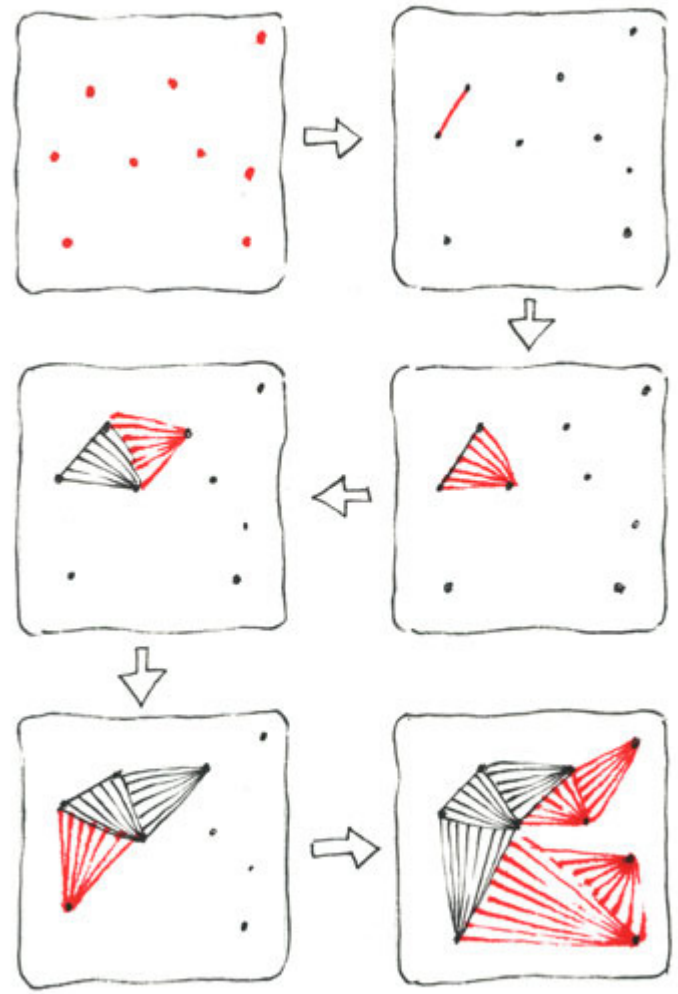
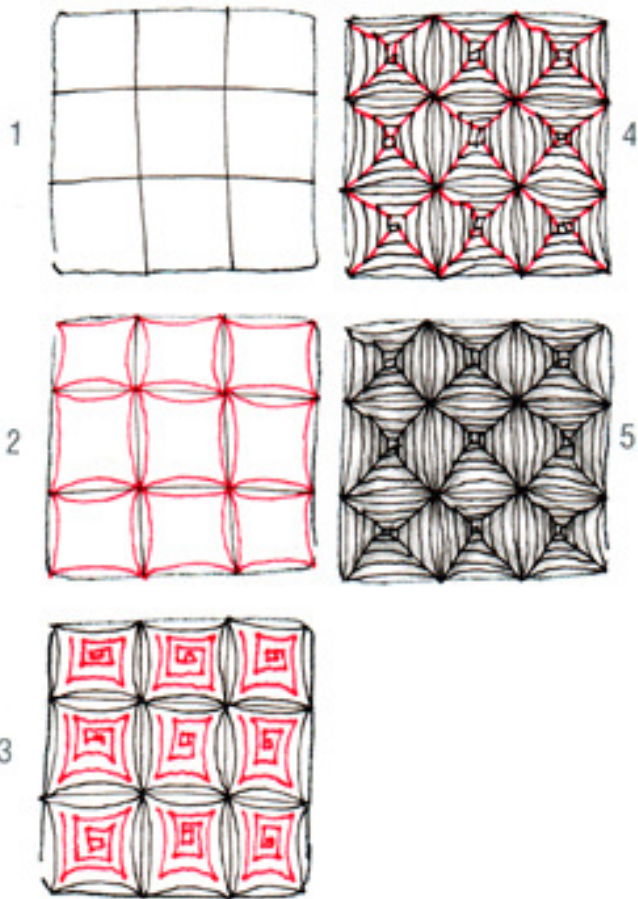
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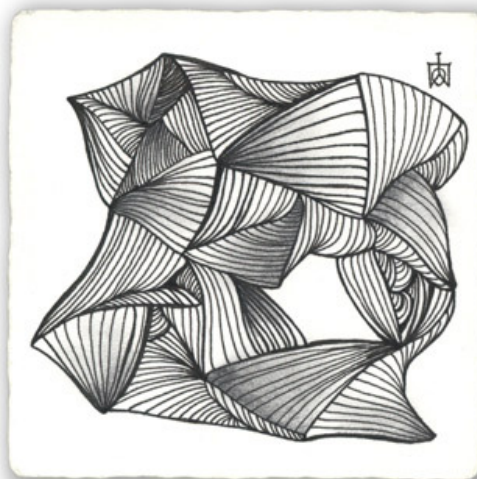
PUF

MUNCHIN

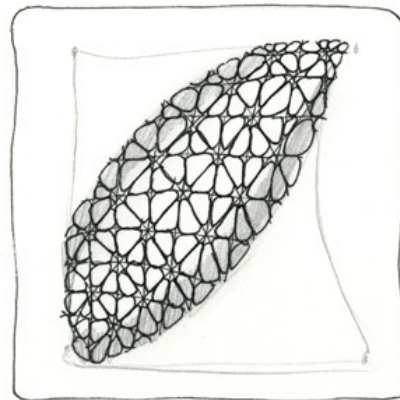
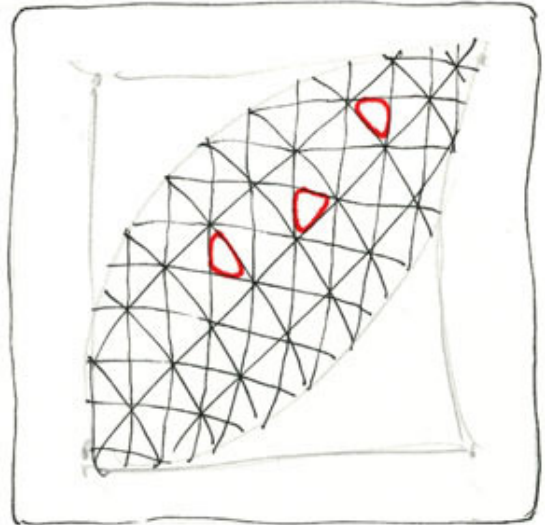
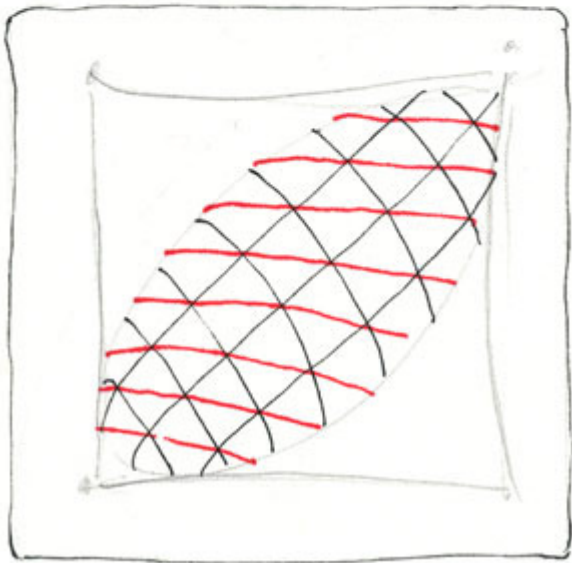
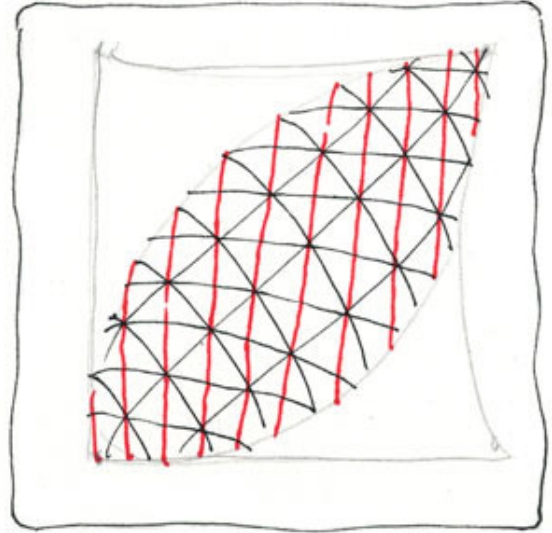
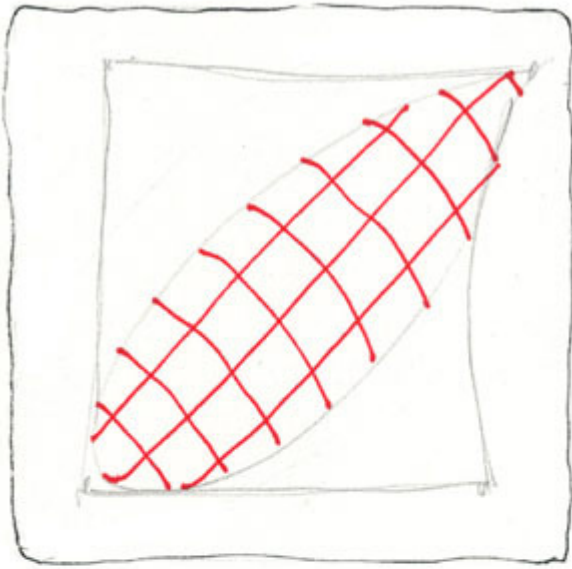


CIRCLE OUT

*...don't forget to turn your tile for comfort! m.*

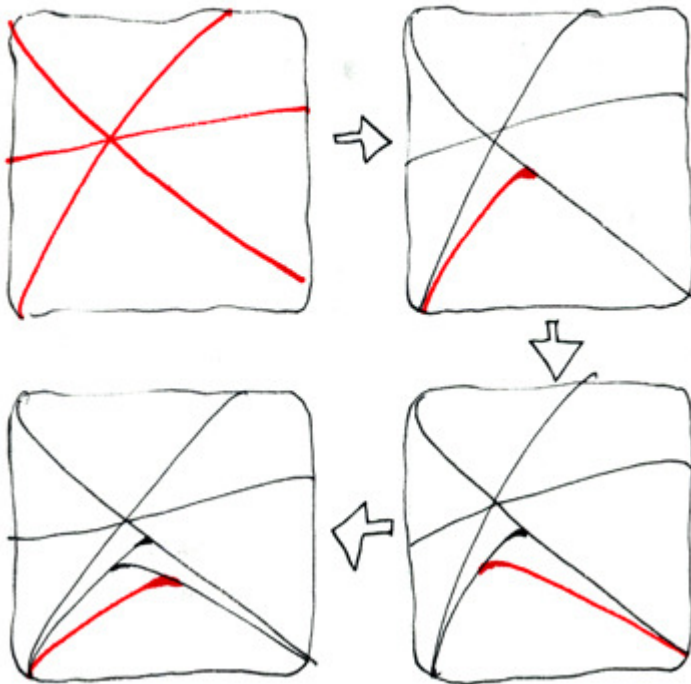


# 'NZEPEL

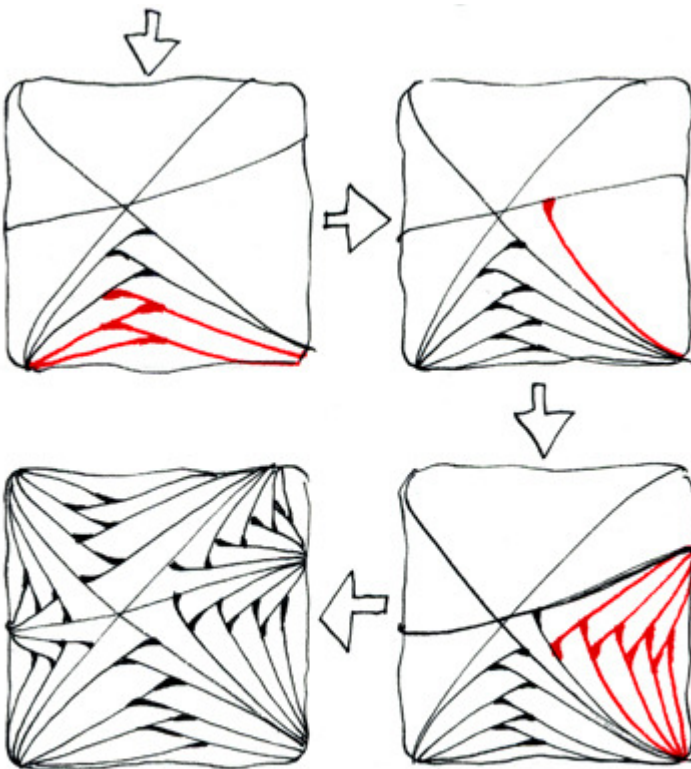


*You can almost see it  
SLOWLY INFLATE  
and gracefully float away!*

# BETWEEN

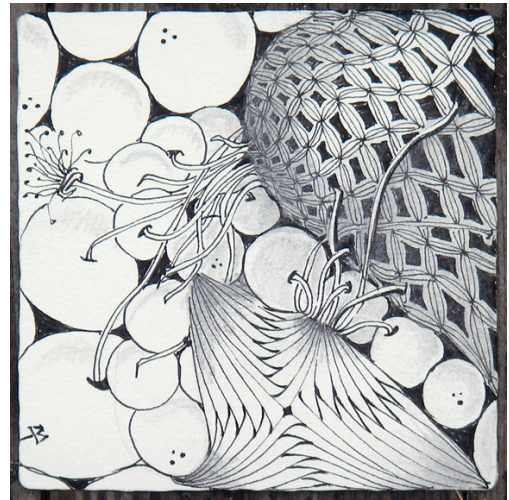


create this jewel of a tangle, keep in mind that all the basic curves are "S" shaped curves.

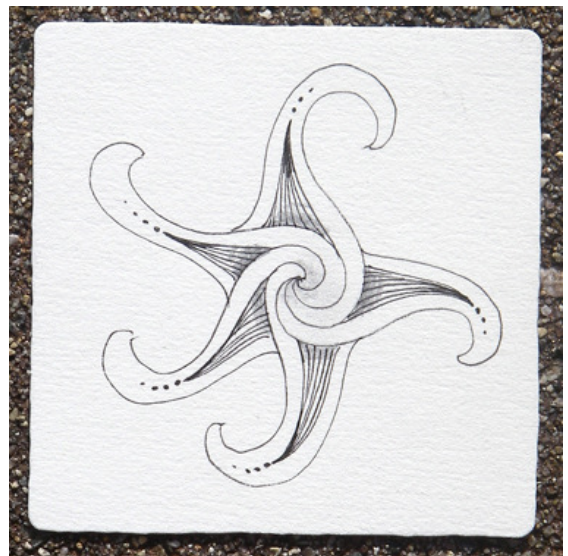
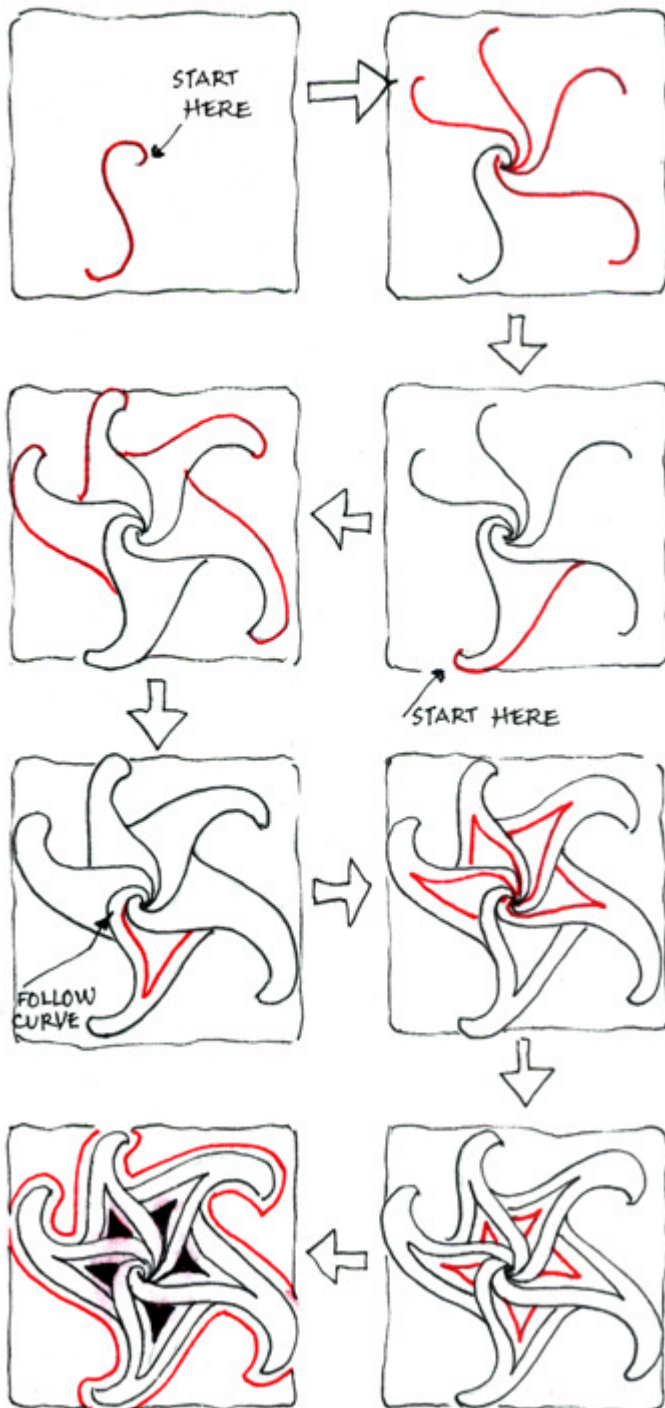


As

you



FENGLE always an "S" curve



# Crowdsource Consulting: When Four Heads are Better than One

Issue of Concern:

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**Ideas from Consultant #1**

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**Ideas from Consultant #2**

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**Ideas from Consultant #3**

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Ideas I'll Use:

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