

CHARTING YOUR OWN COURSE

*through the*

LOWNAIVE

LANDSCAPE

FEATURING MATTY STRATTON & WHITNEY LEE

Grid of logos for various CNCF projects and providers, including:
 

- airship, AWS, BROADCOM, CIRCLECI, D2IQ, ELASTIC, H3C, KUBERNETES, METALBOX, REDHAT, SAP, SUSE, TIBCO, etc.

**Scheduling & Orchestration**

Grid of logos for scheduling and orchestration tools:
 

- kubernetes, Crossplane, VOLCANO, CoreDNS, etcd, gRPC, envoy, CONTOUR, AVI, BFE, EMISSARY INGRESS, okono, LINKERD, Kuma, etc.

**Cloud Native Storage**

Grid of logos for cloud native storage solutions:
 

- ROOK, LONGHORN, ELASTIC, GLUSTER, HITACHI, IBM, IONIR, cri-o, cilium, CNI, etc.

**Automation & Configuration**

Grid of logos for automation and configuration tools:
 

- KubeEdge, airship, ANSIBLE, Apache, BOSH, CHEF, JUJU, kiosk, OpenShift, Puppet, etc.

**Kubernetes Certified Service Provider**

Grid of logos for Kubernetes Certified Service Providers:
 

- acend, Asantsoft, ARM, ATIX, CNO, CUOMO, D2IQ, DELL, etc.

**Certified Kubernetes - Hosted**

Grid of logos for hosted Kubernetes providers:
 

- aws, AWS, CIVO, DigitalOcean, etc.

**Certified Kubernetes - Installer**

Grid of logos for Kubernetes installers:
 

- aws, CRANE, cyborg, etc.

**PaaS/Container Service**

Grid of logos for PaaS/Container services:
 

- ScaleGrid, WF, TSB, etc.

**Observability and Analysis**

**Monitoring**

Grid of logos for monitoring tools:
 

- prometheus, cortex, OPINMETRICS, Thanos, etc.

**Logging**

Grid of logos for logging solutions:
 

- fluentd, graylog, rhylio, Logzio, LOGGLY, LOGIA, etc.

**Tracing**

Grid of logos for tracing tools:
 

- Jaeger, Zipkin, etc.

**Chaos Engineering**

Grid of logos for chaos engineering tools:
 

- Chaos Mesh, etc.

**Members**

Grid of logos for various members and partners.

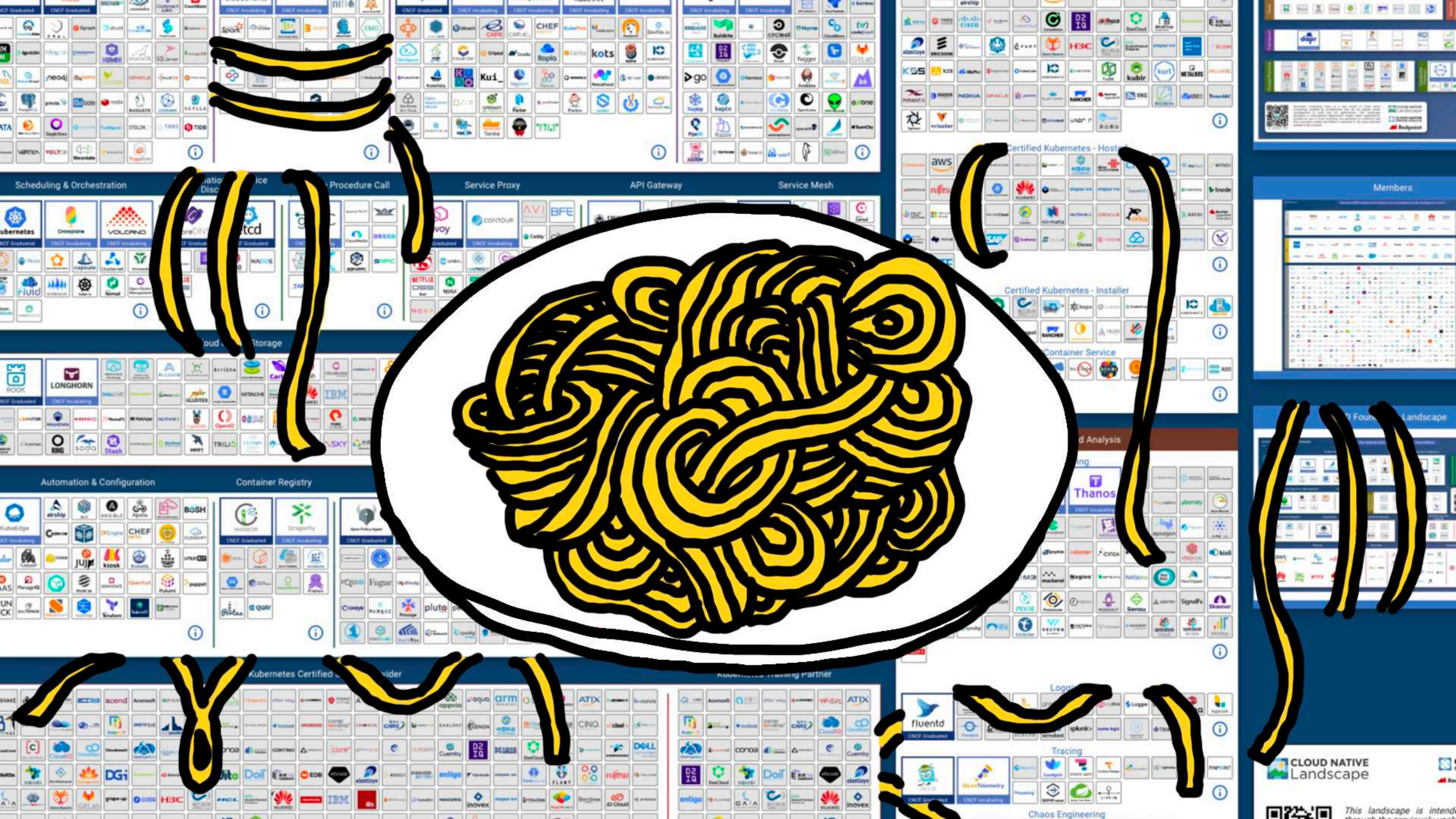
**CD Foundation Landscape**

Grid of logos for CD Foundation landscape.

**CLOUD NATIVE Landscape**

Grid of logos for the overall Cloud Native Landscape.

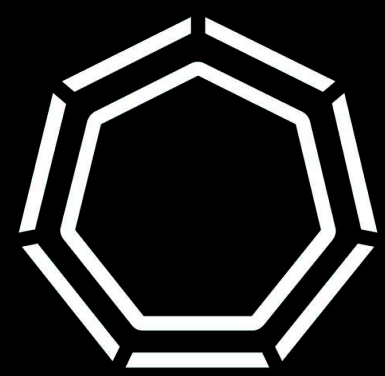
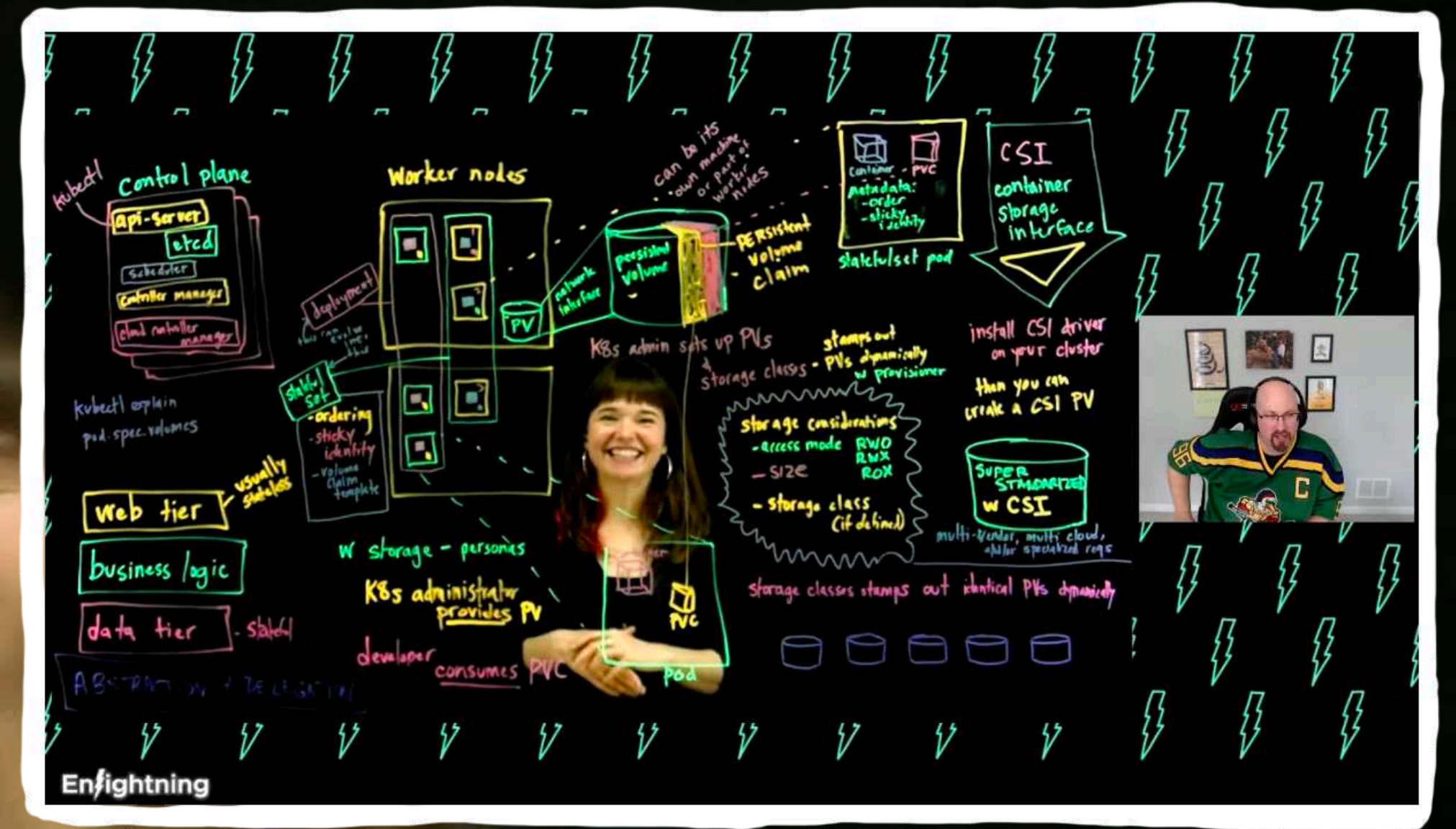
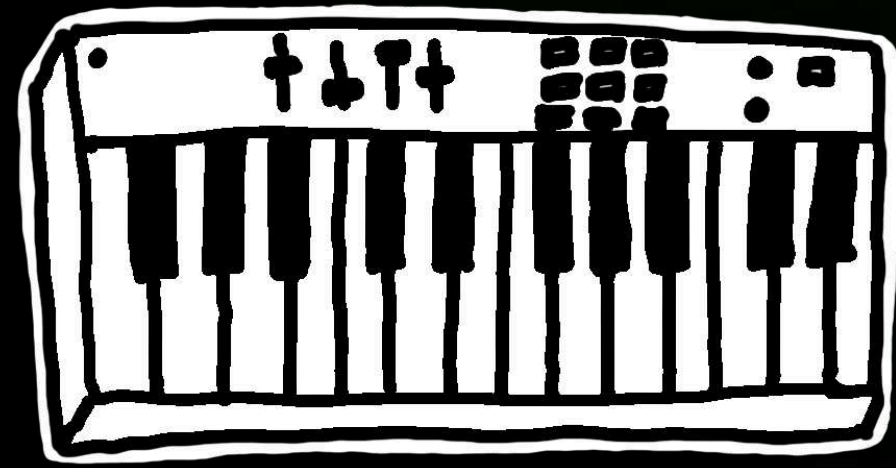
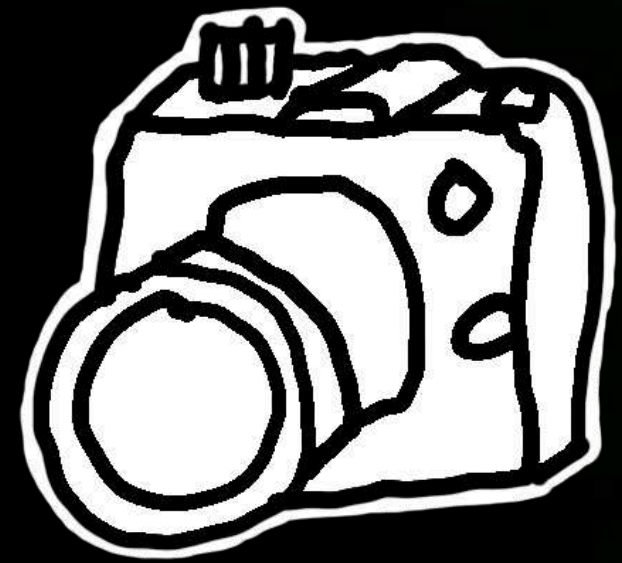
This landscape is intended for use as a reference only.



# MATTHEW RATTON



# WHITNEY LEE



VMware Tanzu™

# Enlightning

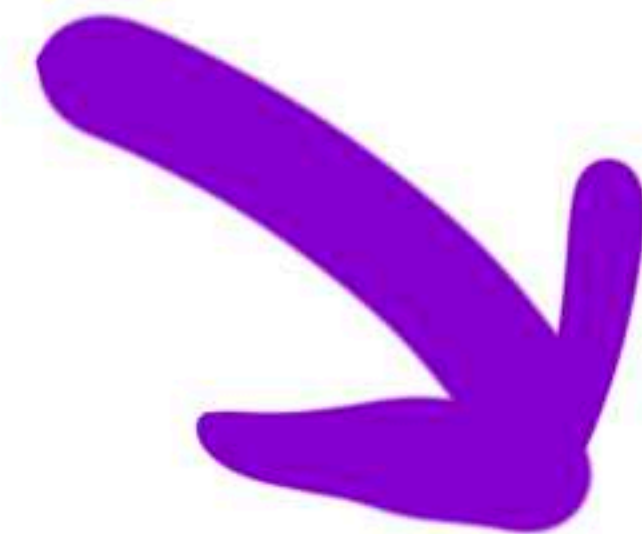
how do you

START RESEARCHING A

BIG

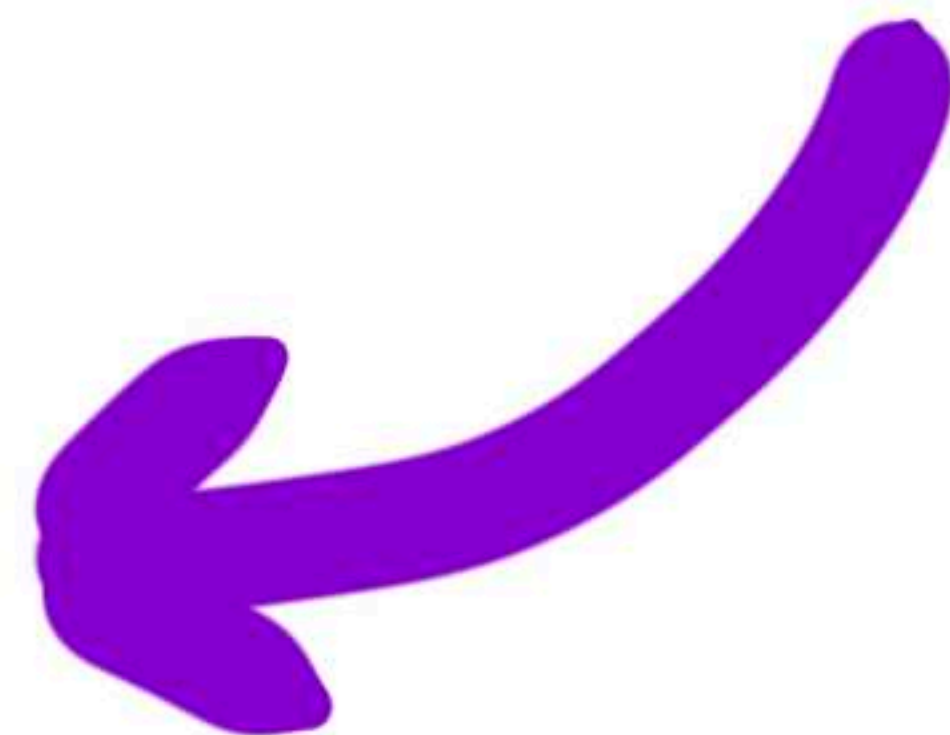
TOPIC?

COLLECT



SKIM

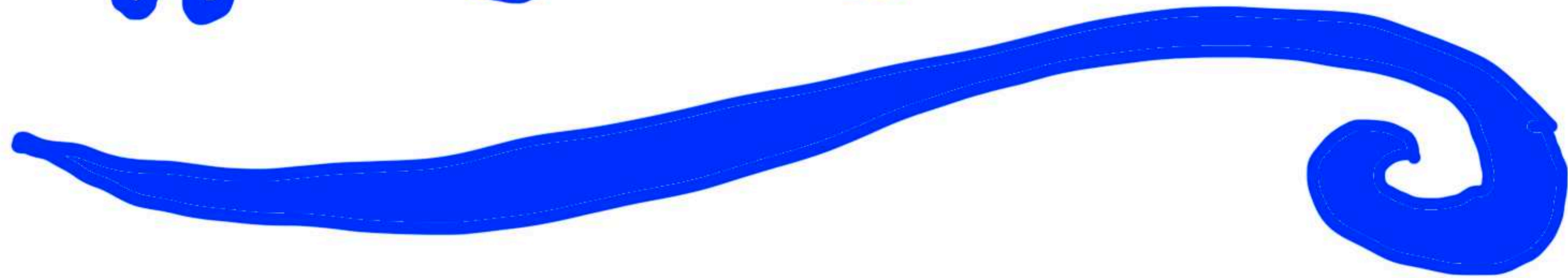
REFINE



LEARN



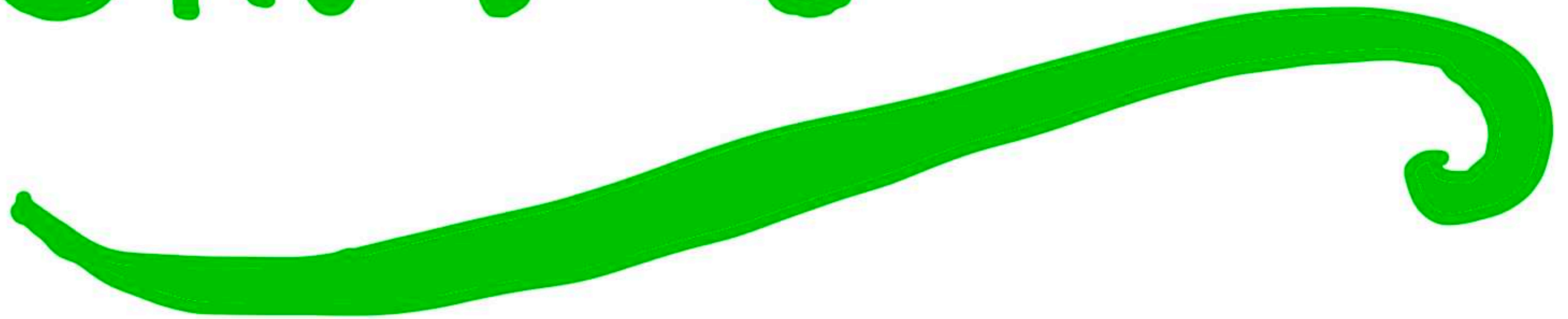
# Collect Resources



COLLECT  
D O N ' T  
CONSUME



# Skim Resources



at first,

YOU DON'T KNOW

what

YOU DON'T KNOW

WHAT  
CONCEPTS  
COME UP  
REPEATEDLY?

WHAT  
ASSUMED  
KNOWLEDGE  
IS HERE?

W H A T R E S O U R C E S

resonate

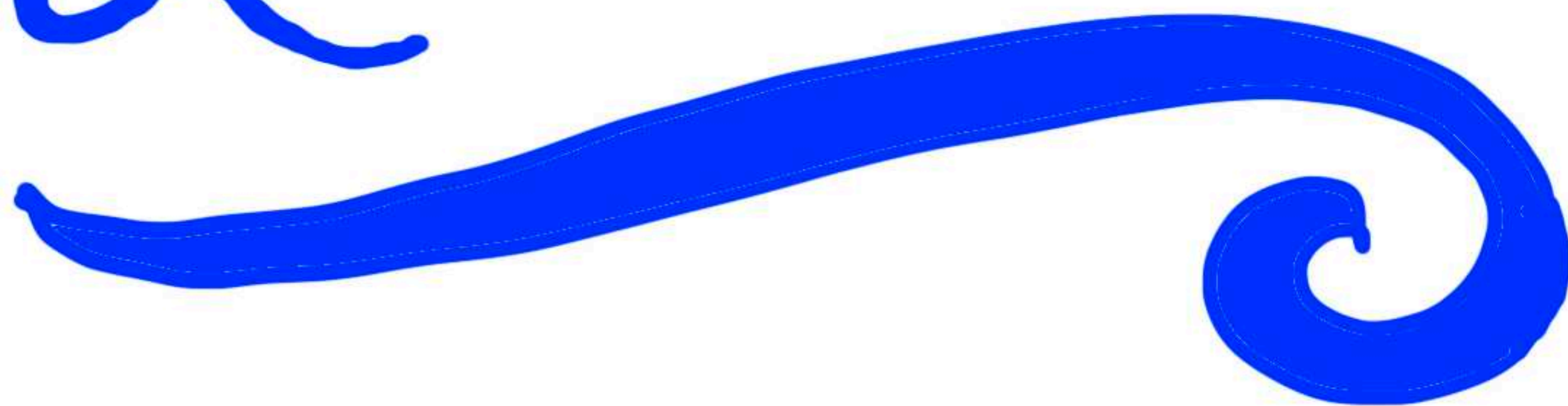
W I T H Y O U

personally?

Refine

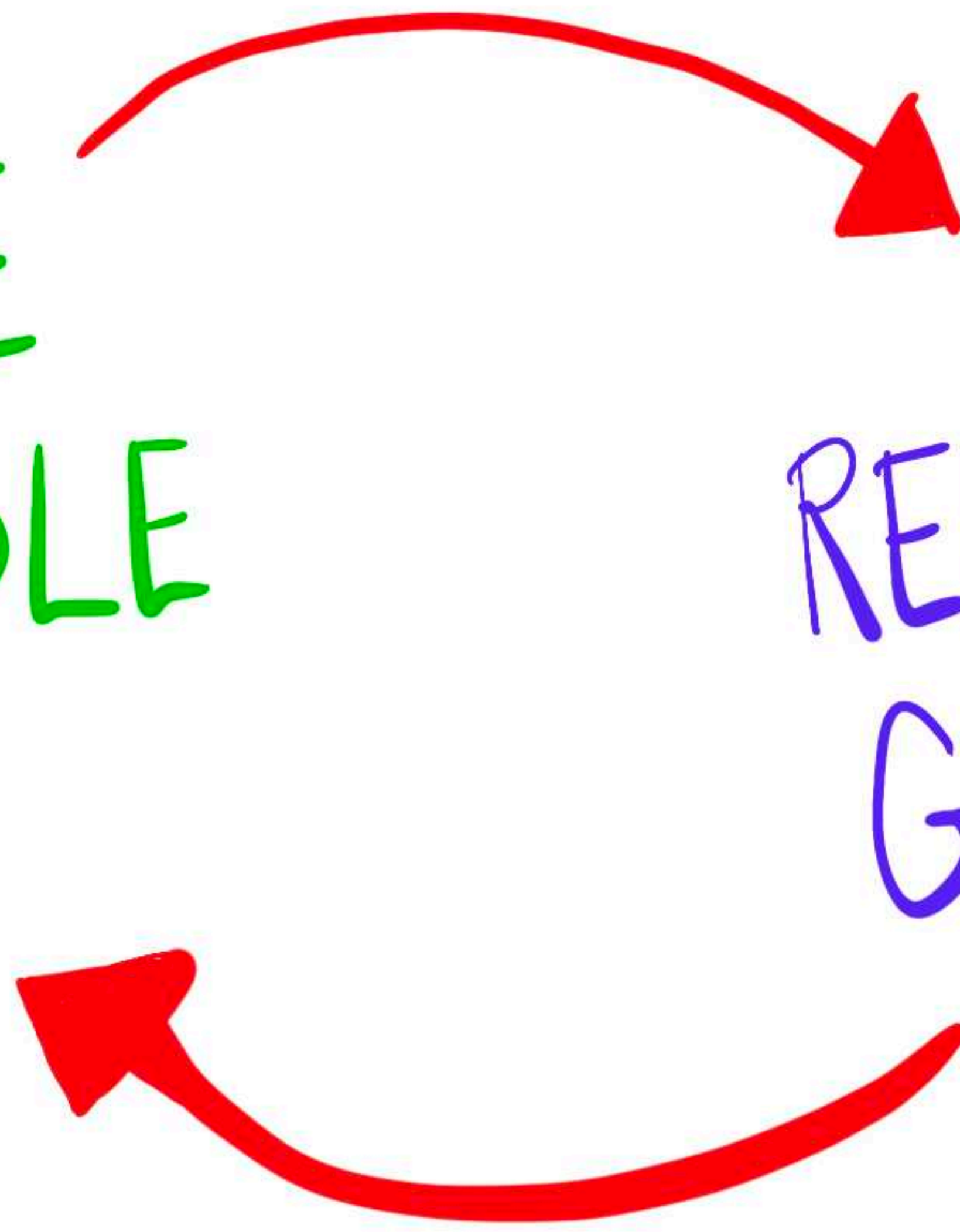


Learn

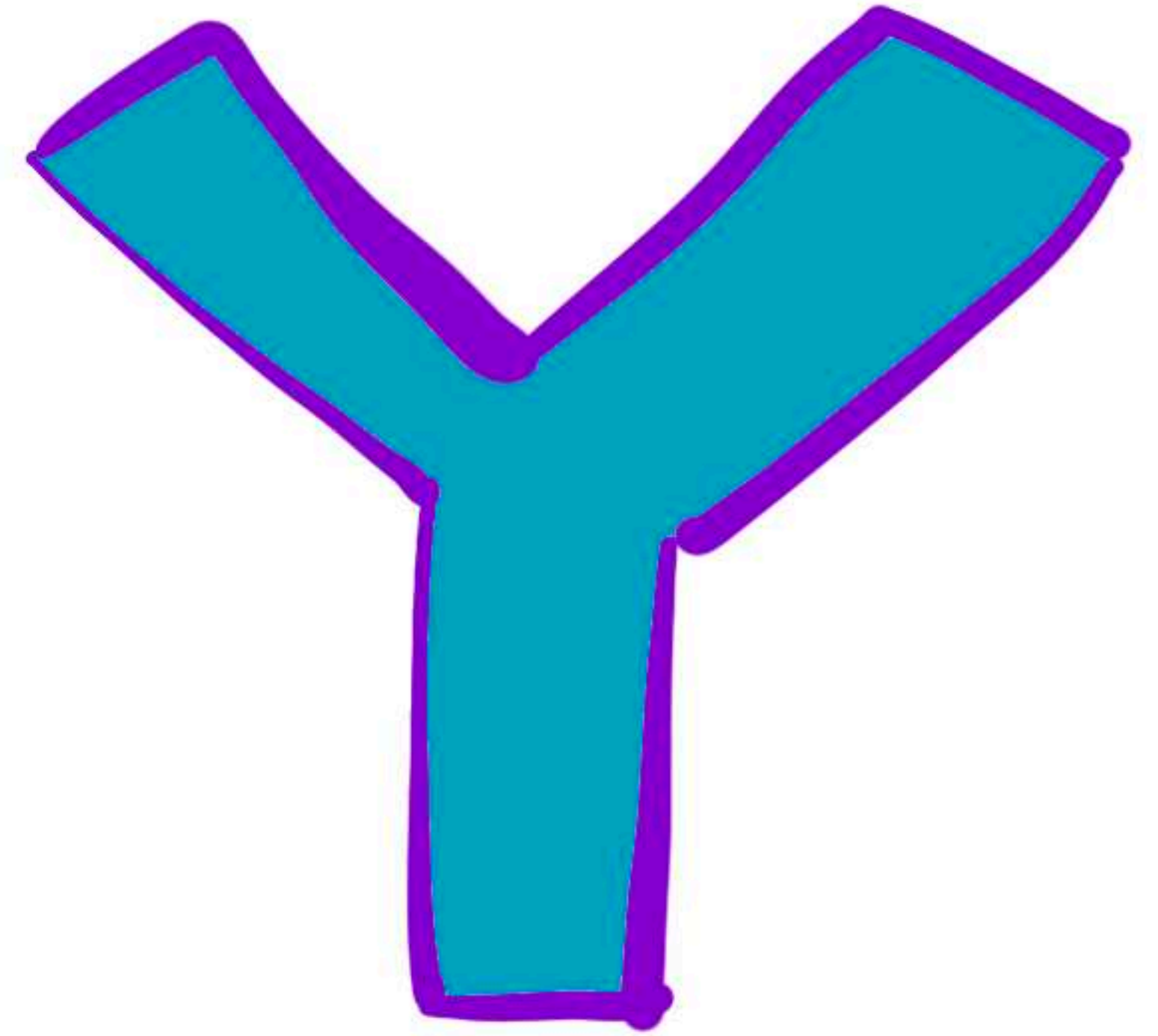
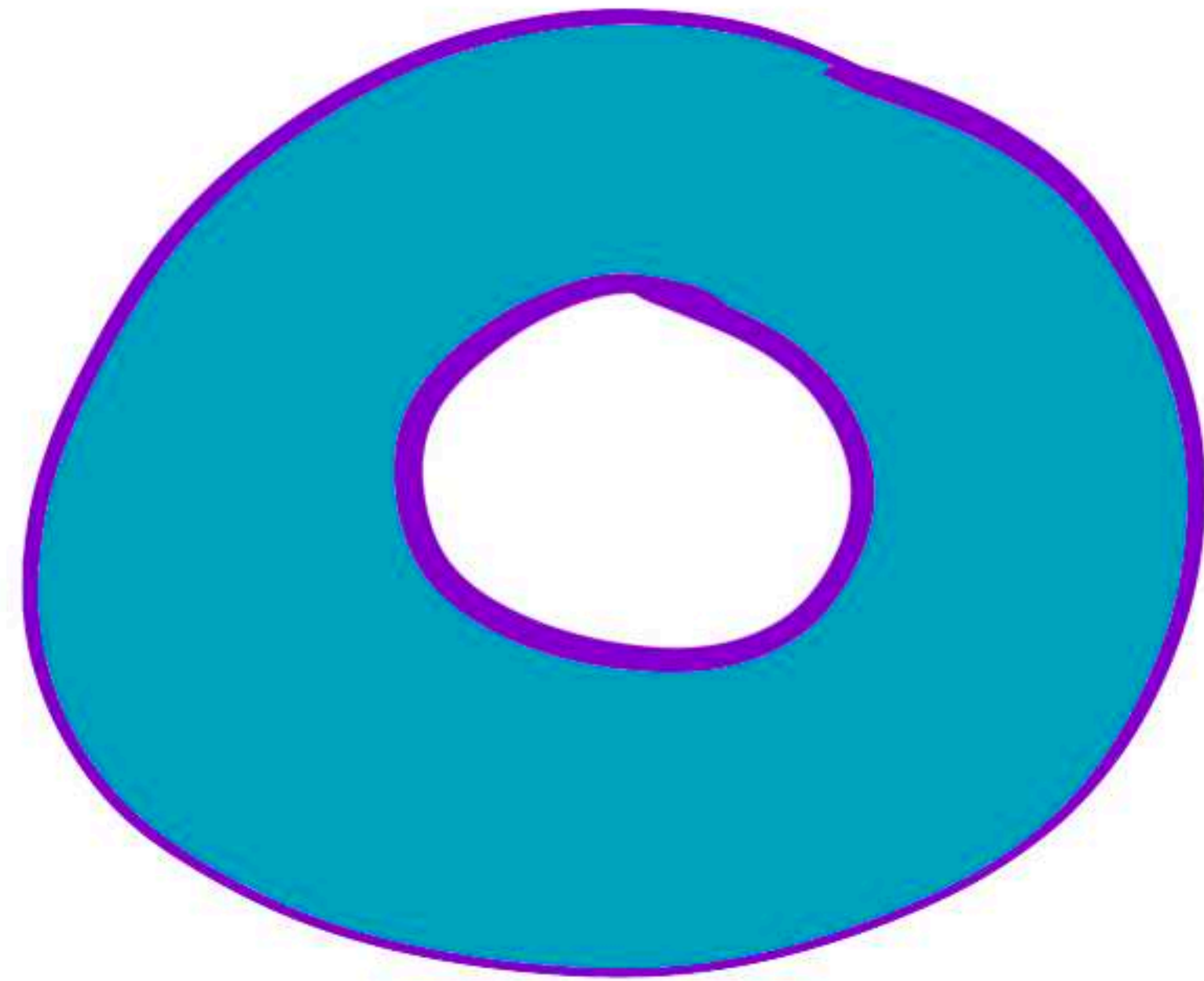


DEFINE  
REASONABLE  
GOALS

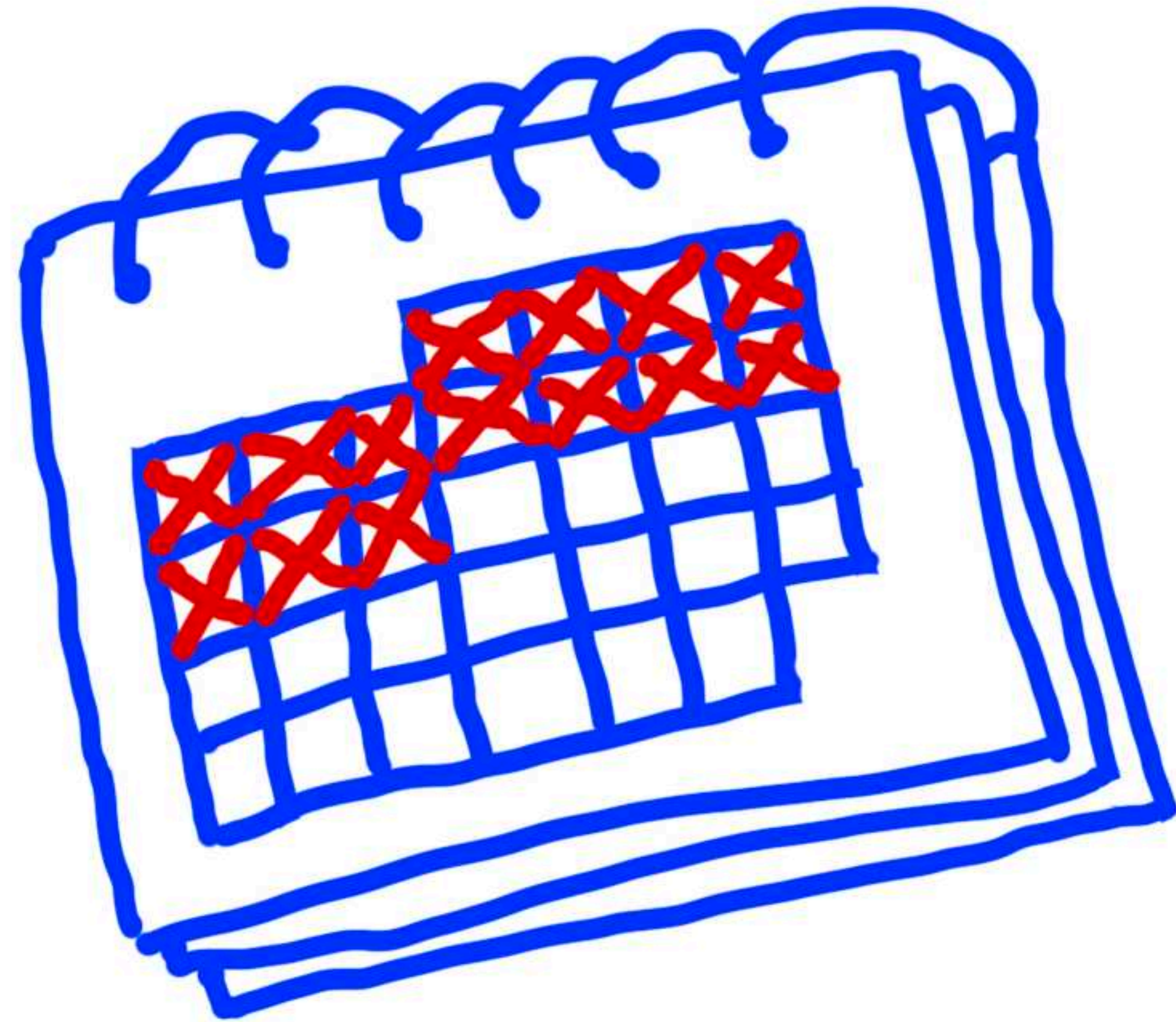
DO  
REASONABLE  
GOALS



the



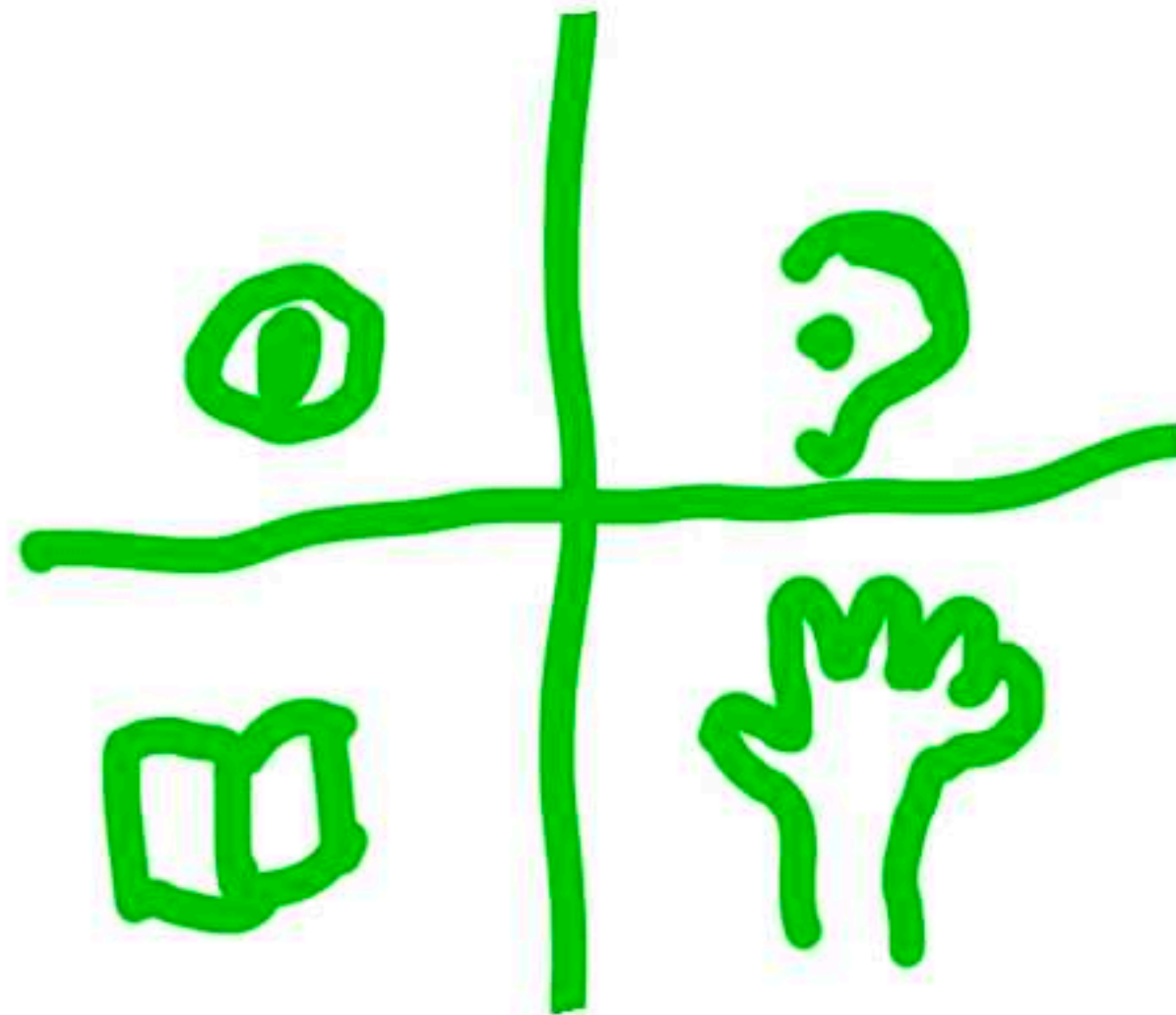
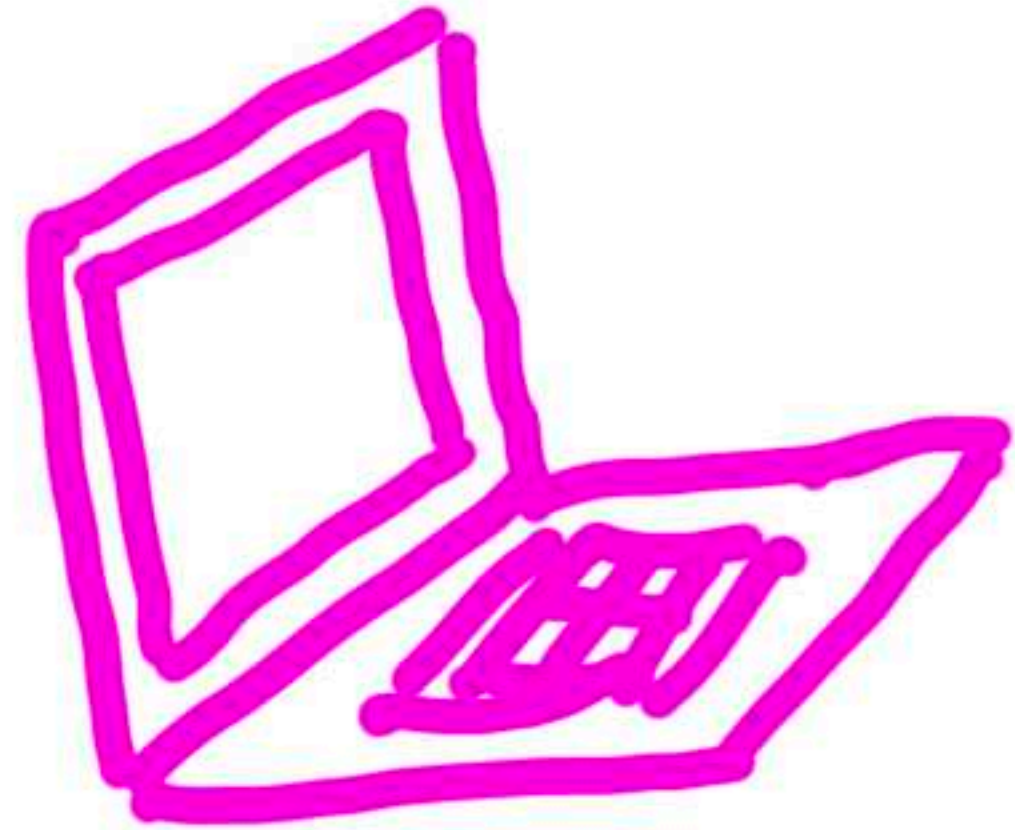
is in the progress!



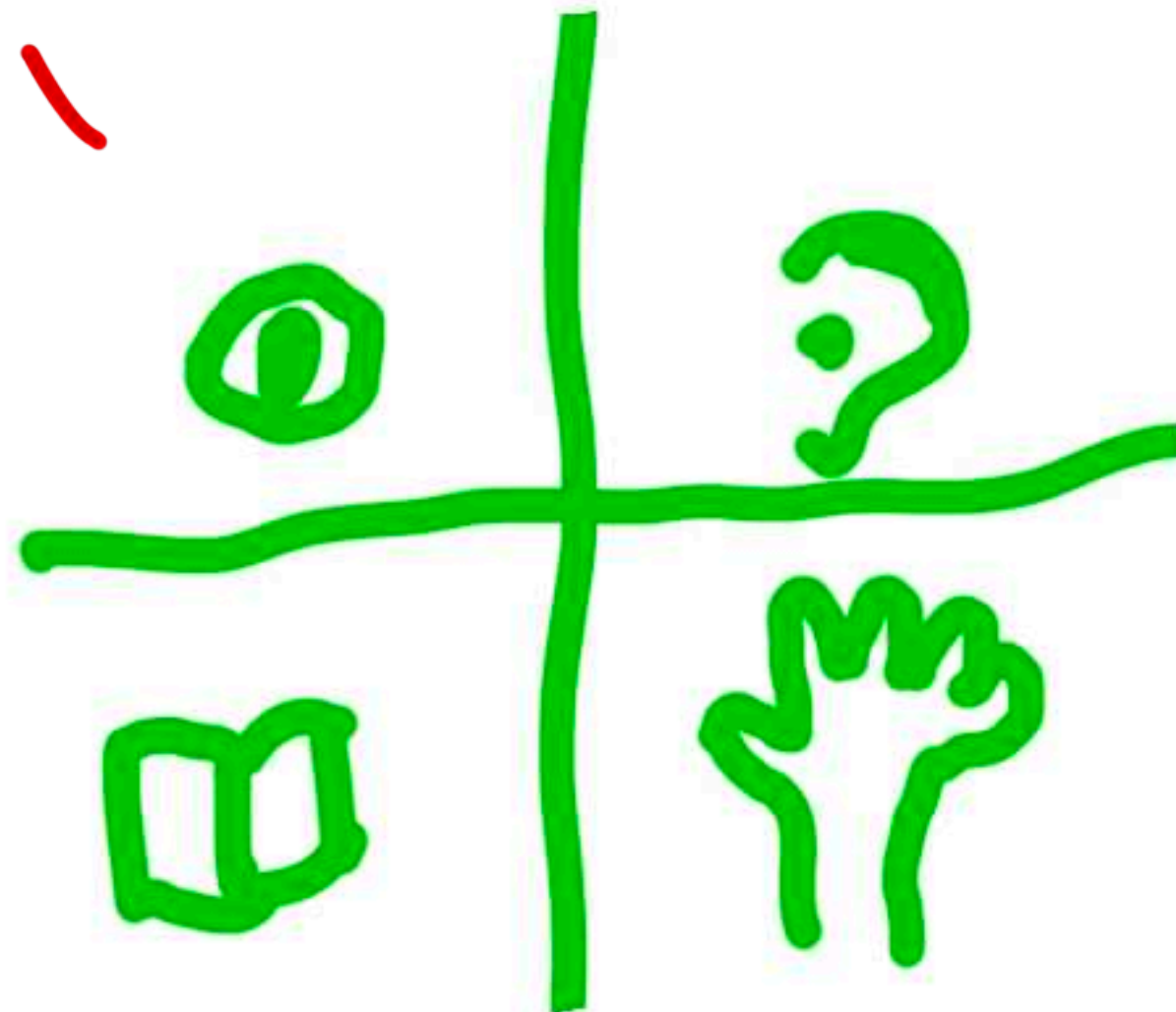
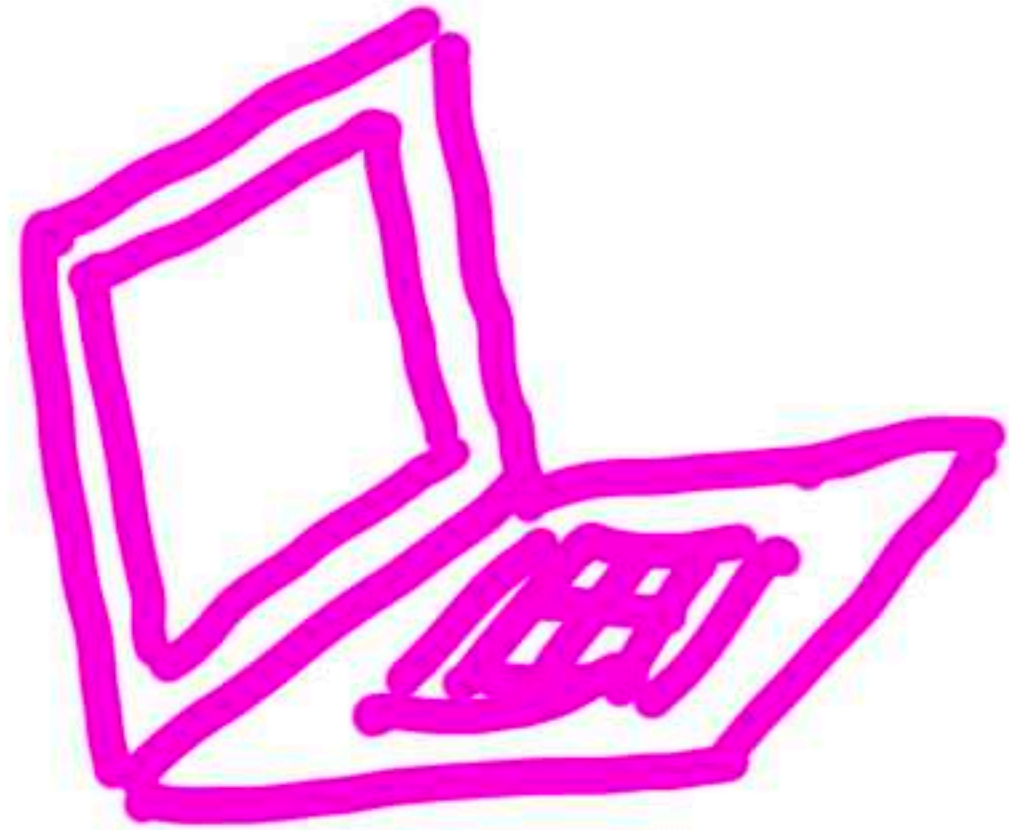
@wiggitywhitney

@mattstratton

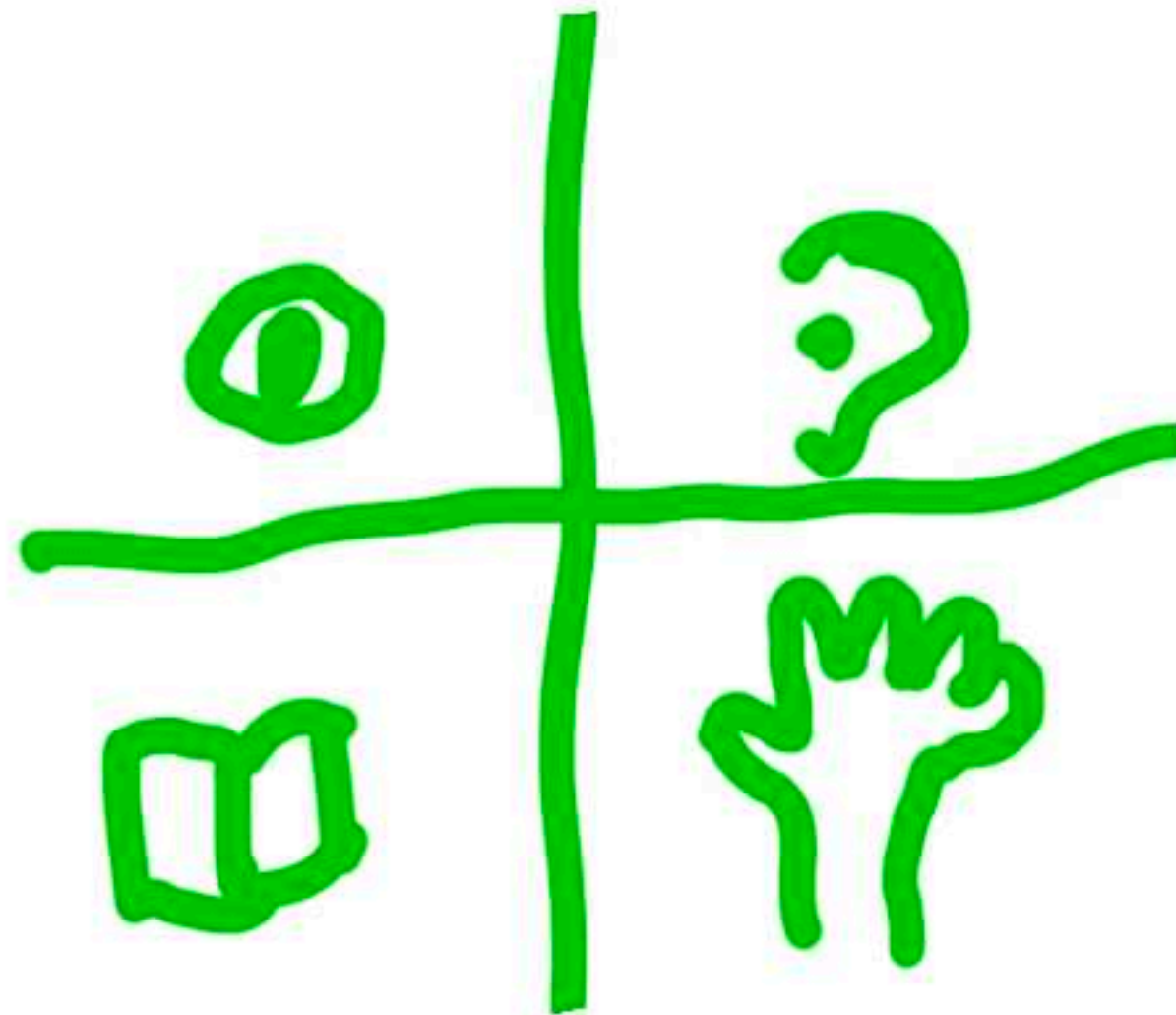
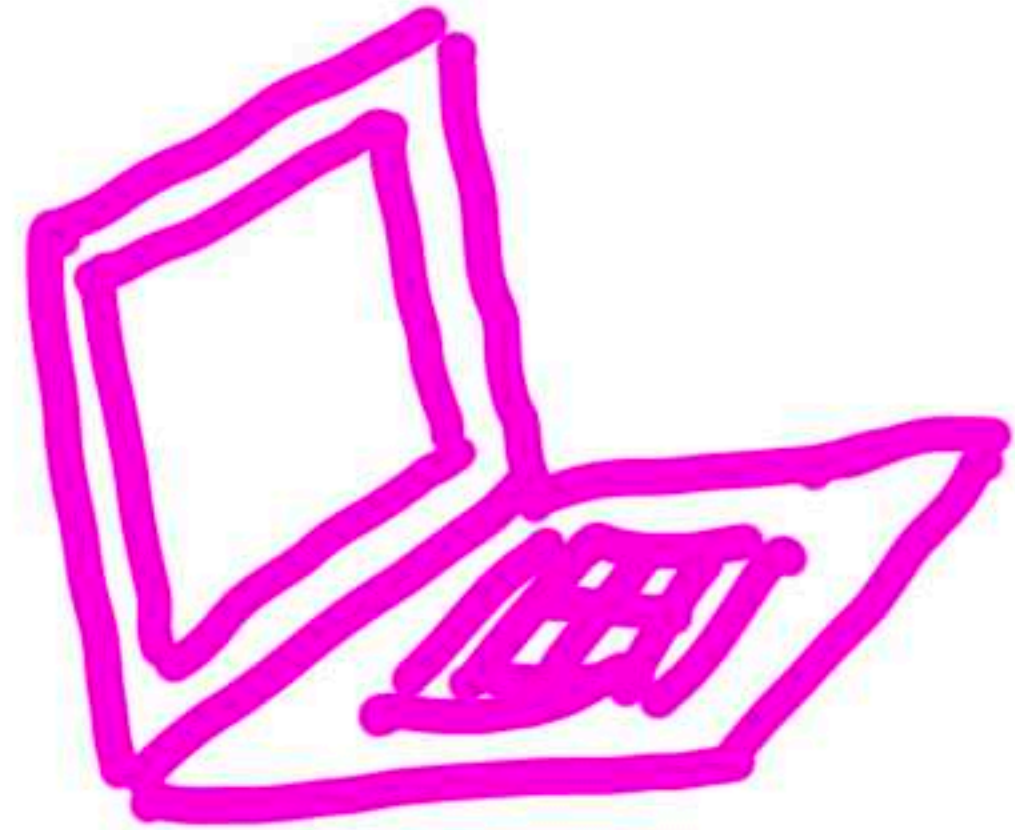
# QUESTIONS FOR YOU



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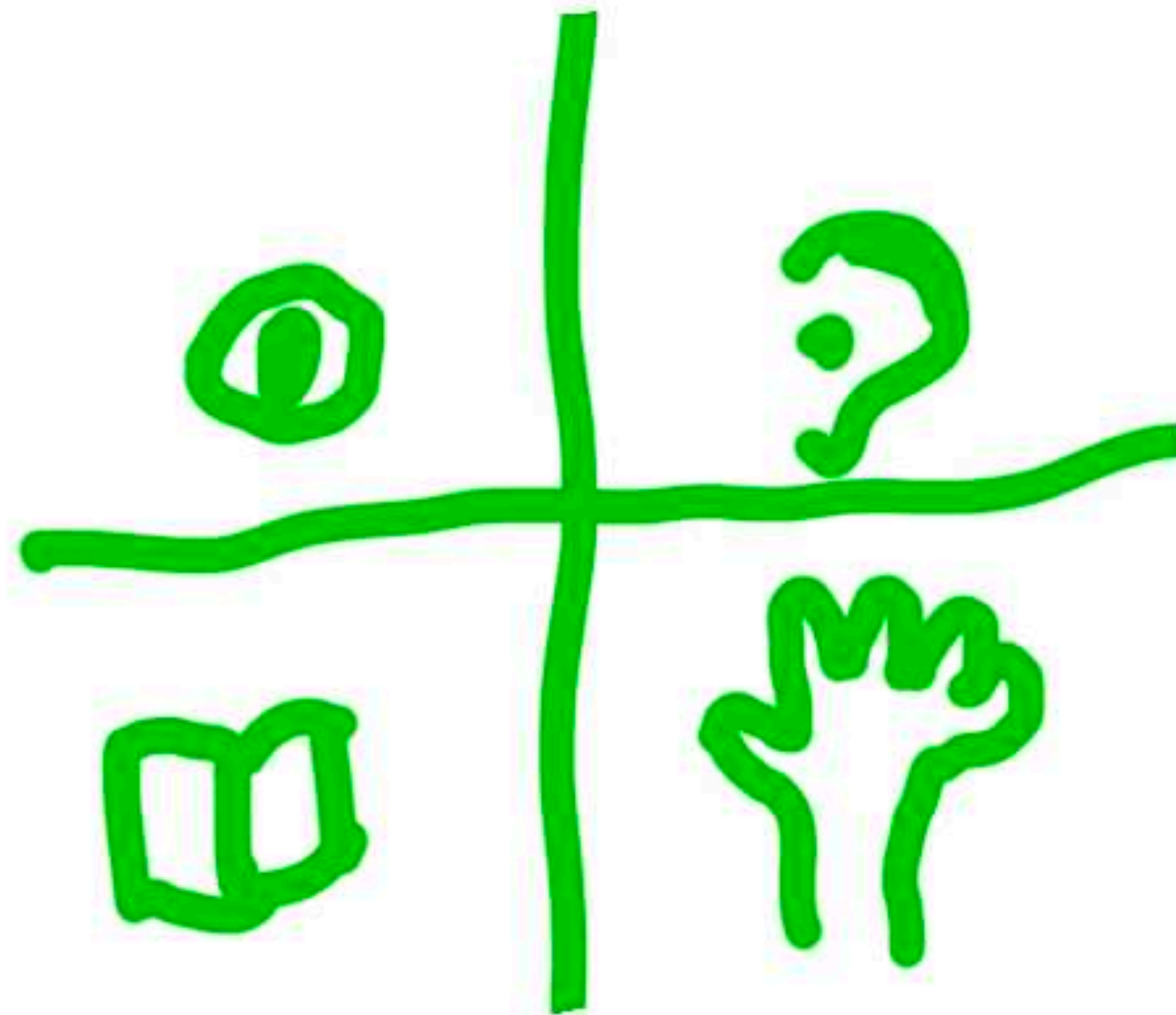
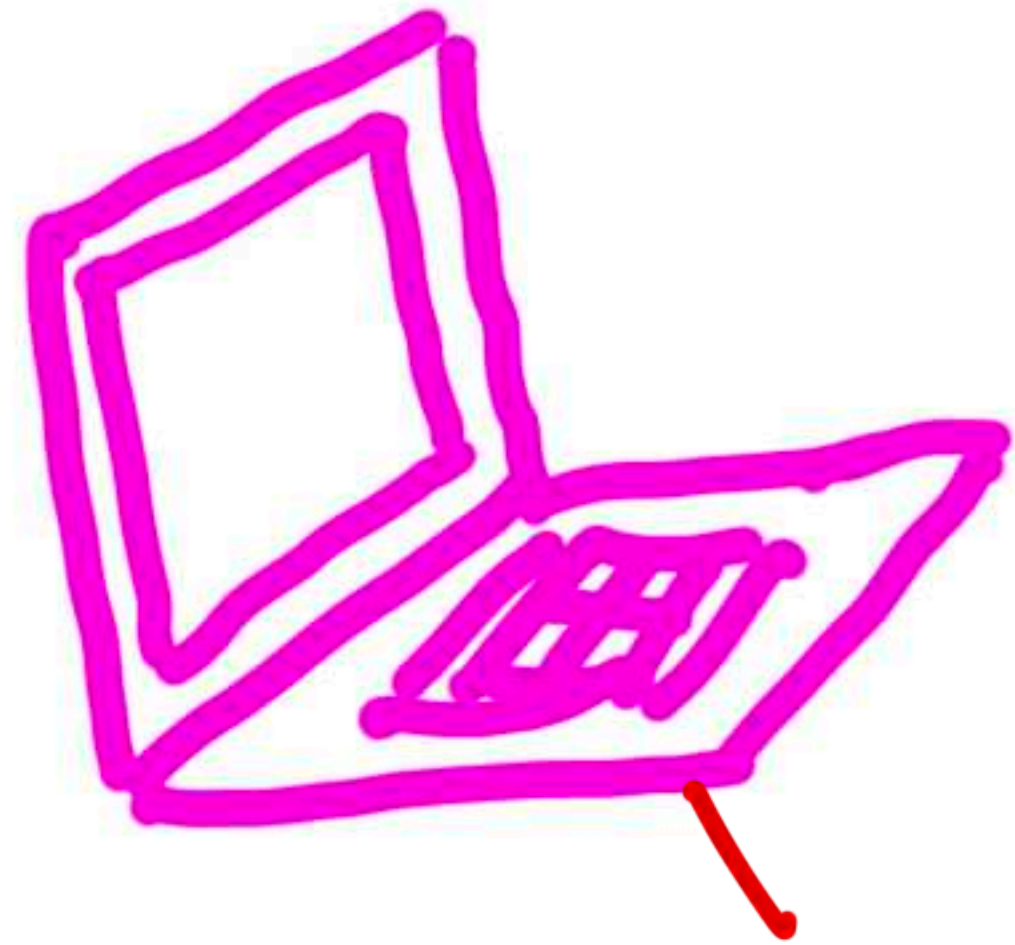
# QUESTIONS FOR YOU



@wiggitywhitney

@mattstratton

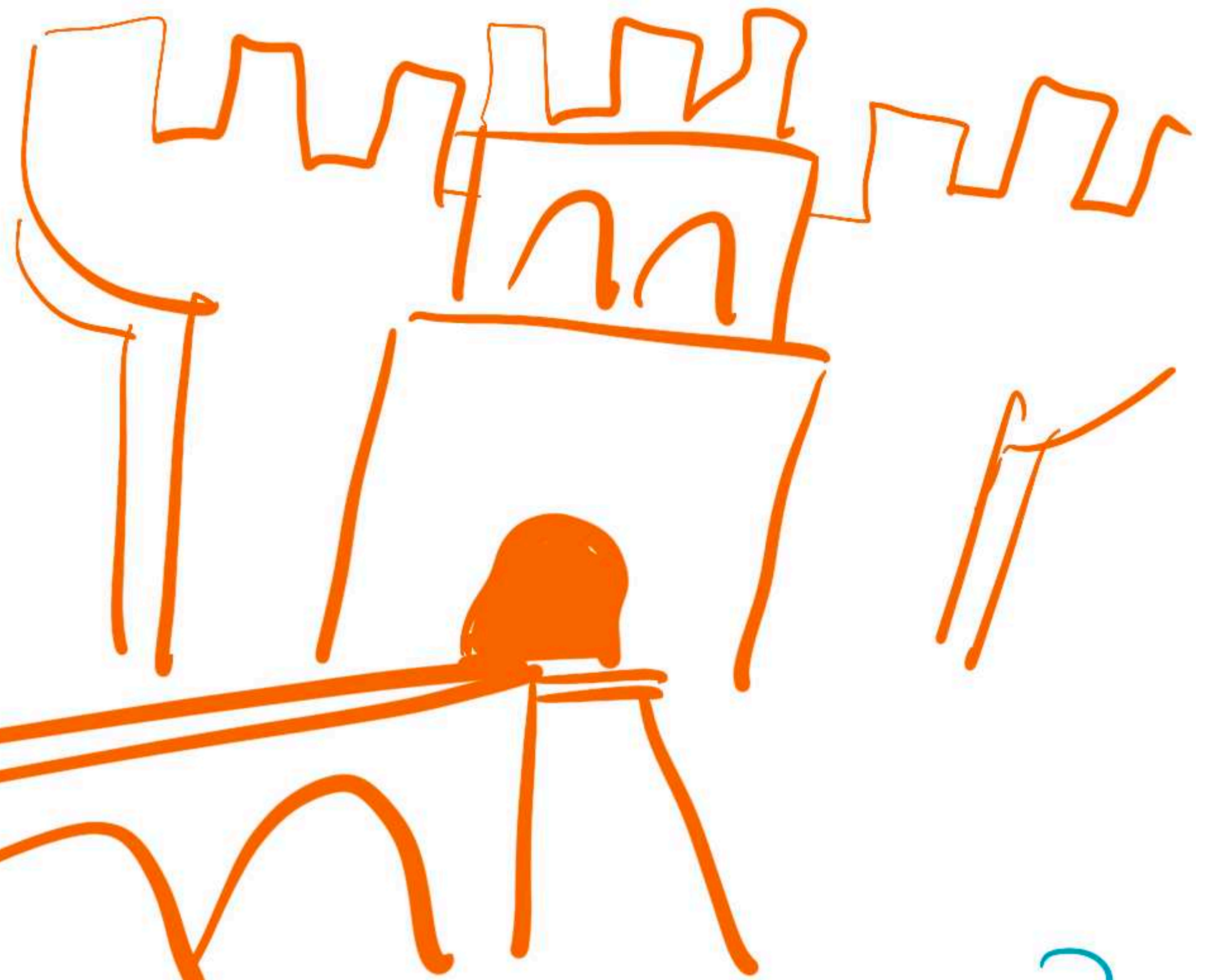
# QUESTIONS FOR YOU



@wiggitywhitney

@mattstratton

WARRK!!



who goes there?

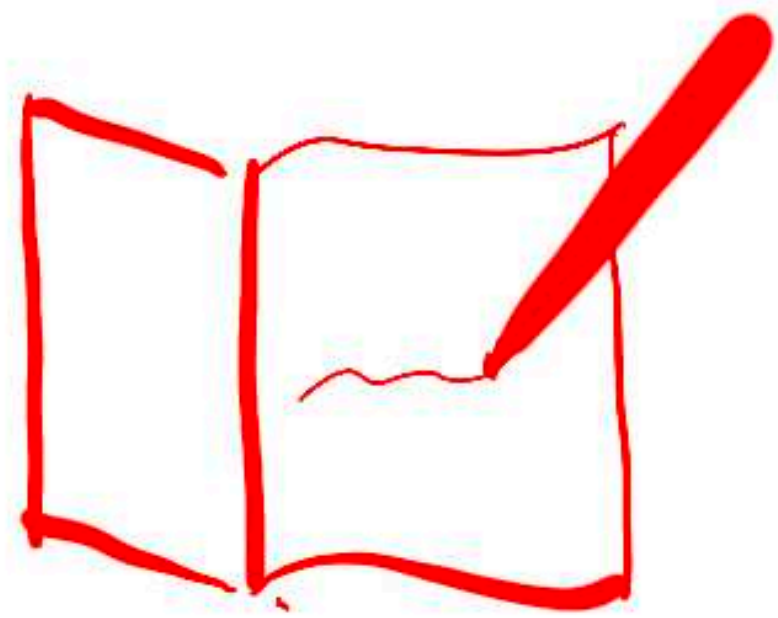
visual



auditory



V A R K

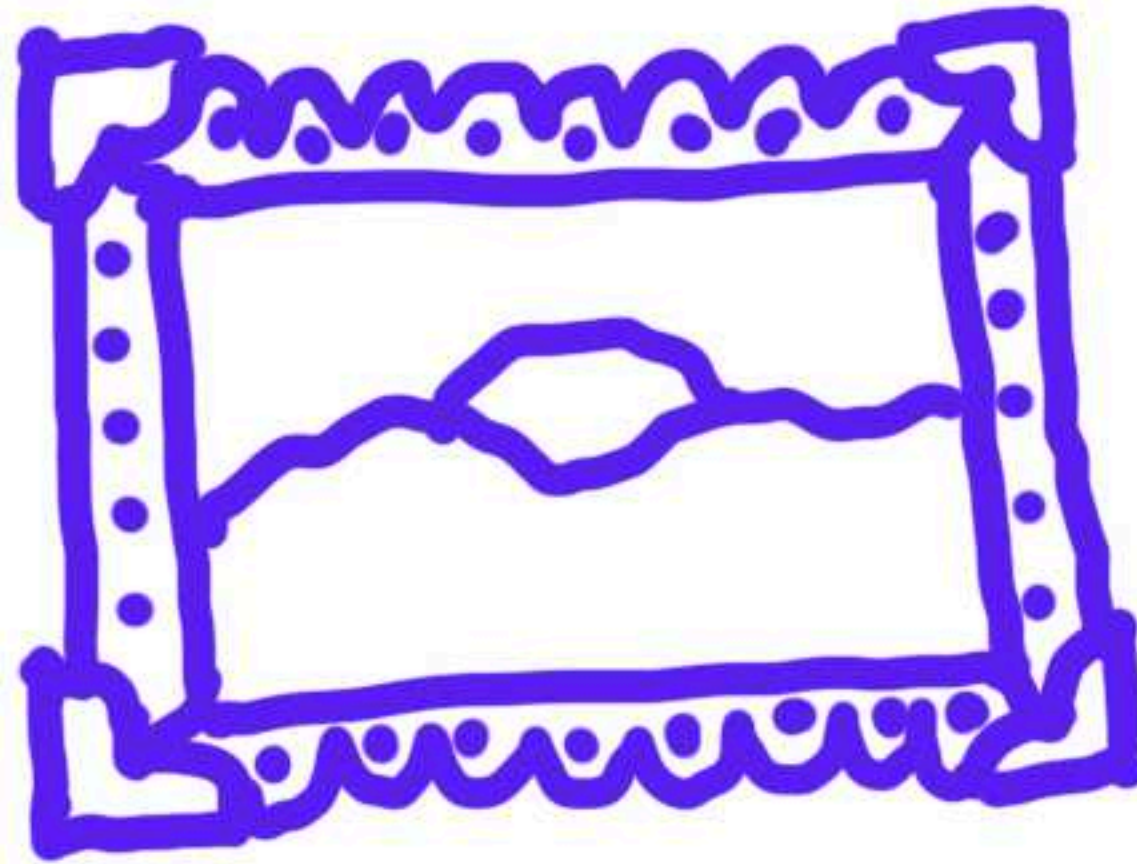


reading/writing

kinesthetic

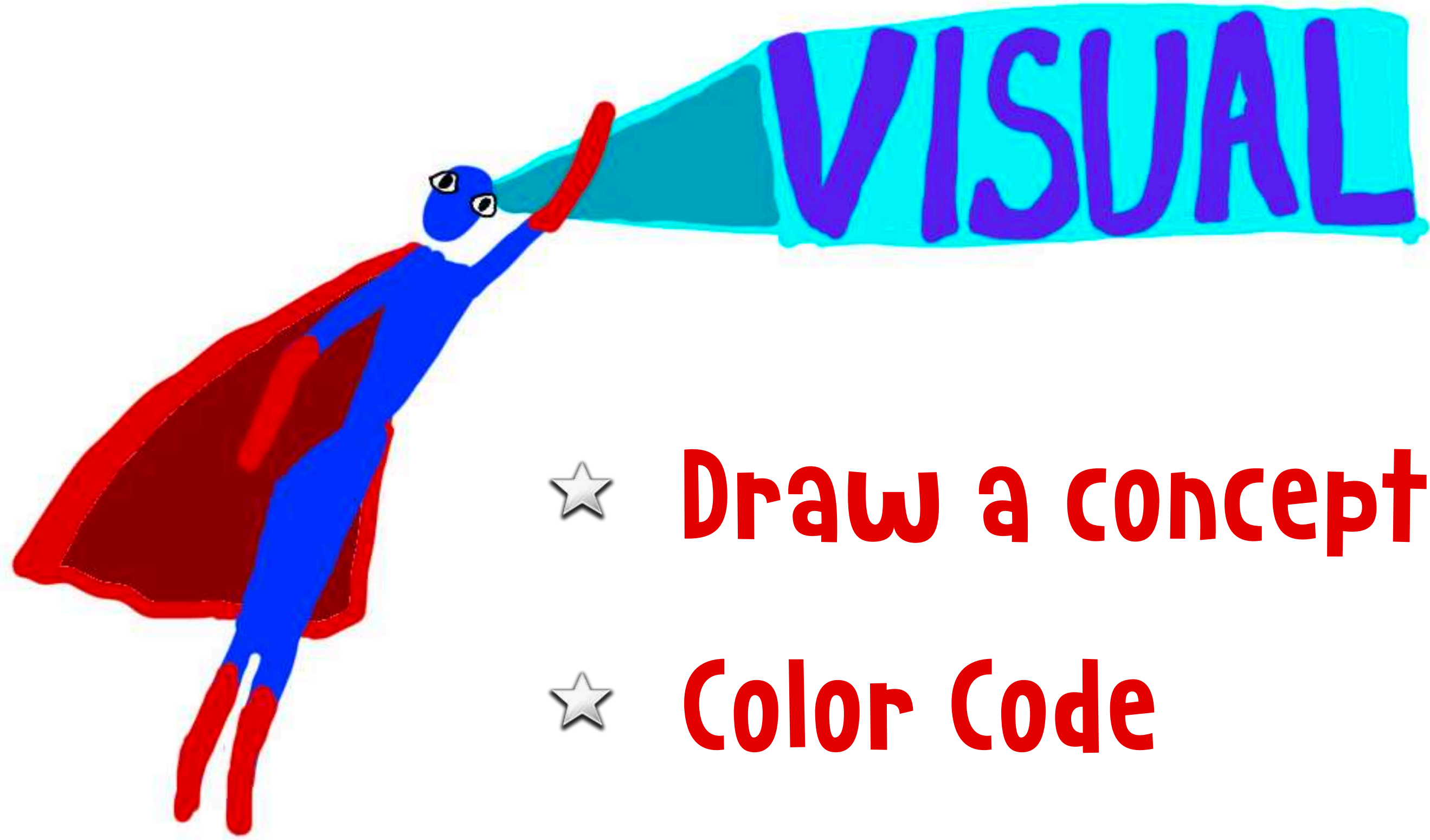
What type of learner  
are you?

visual



@wiggitywhitney

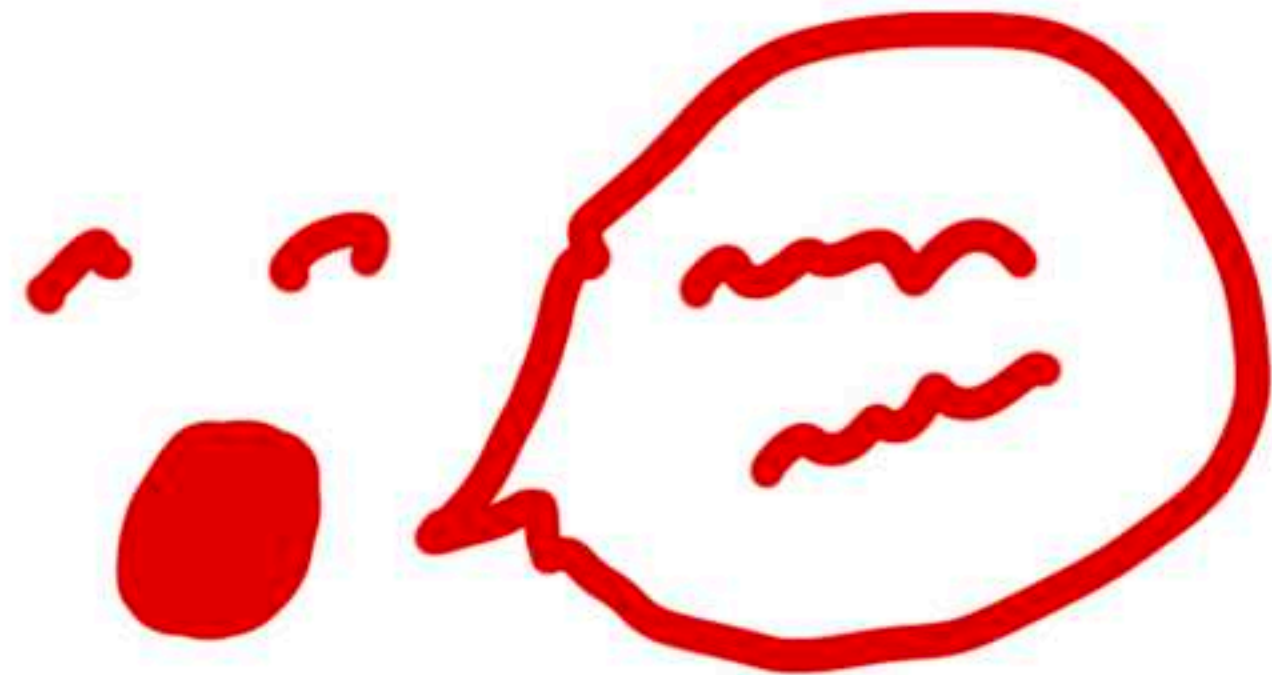
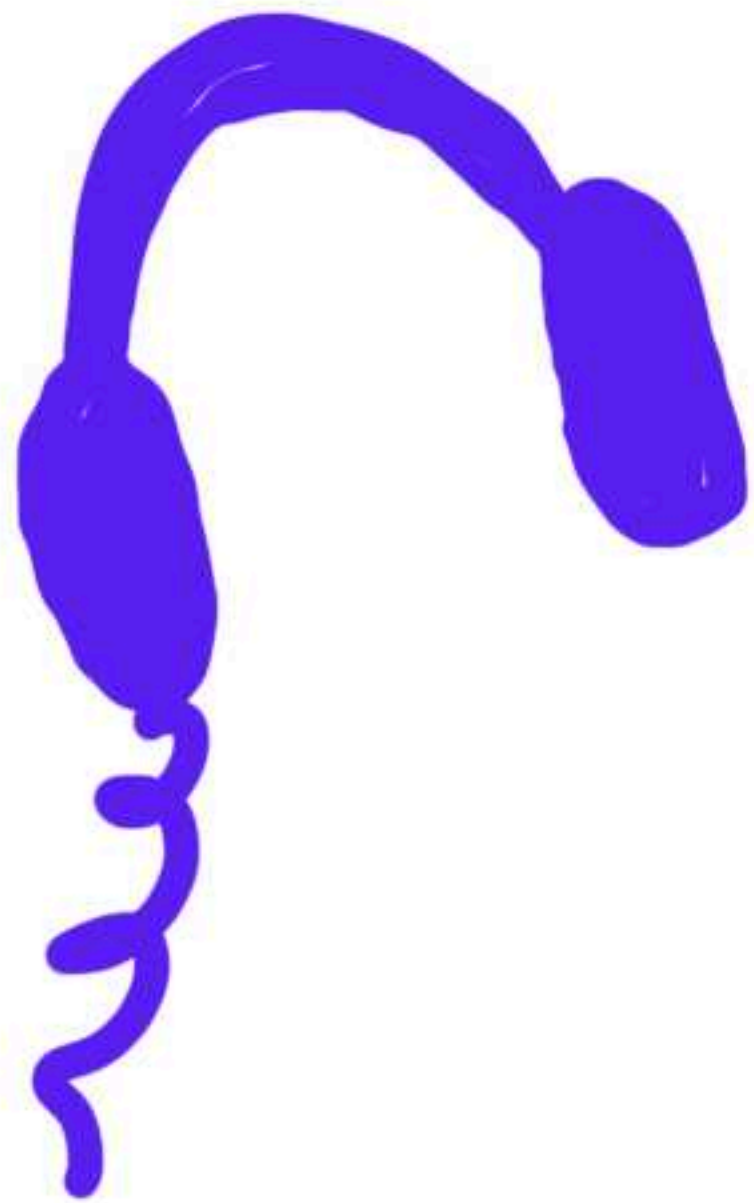
@mattstratton



*superpower!*

- ★ **Draw a concept while learning it!**
- ★ **Color Code**
- ★ **Watch lightboard videos**
- ★ **Take your time!**

auditory



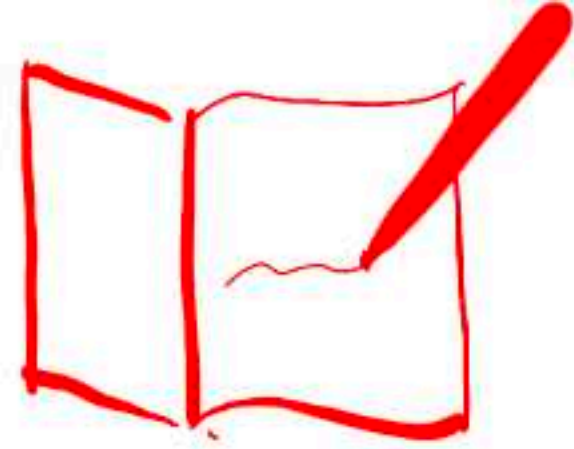
@wiggitywhitney

@mattstratton

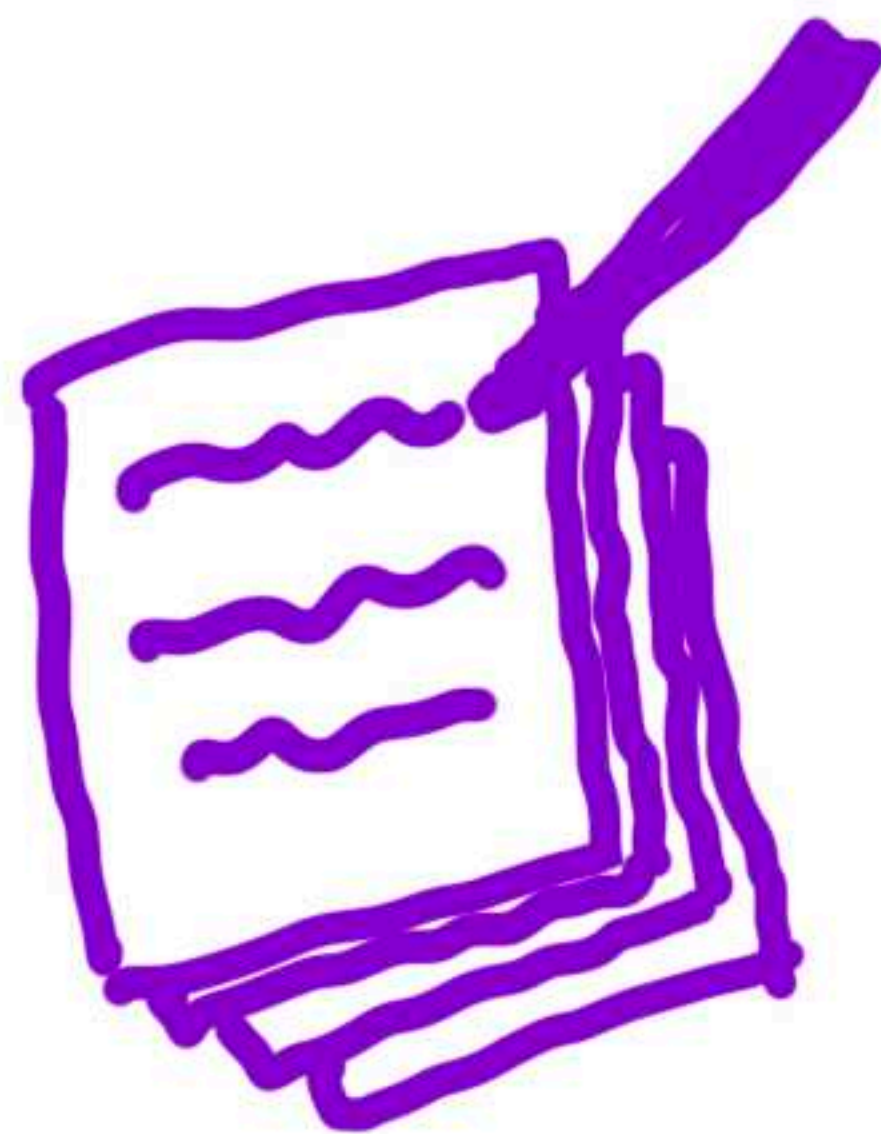
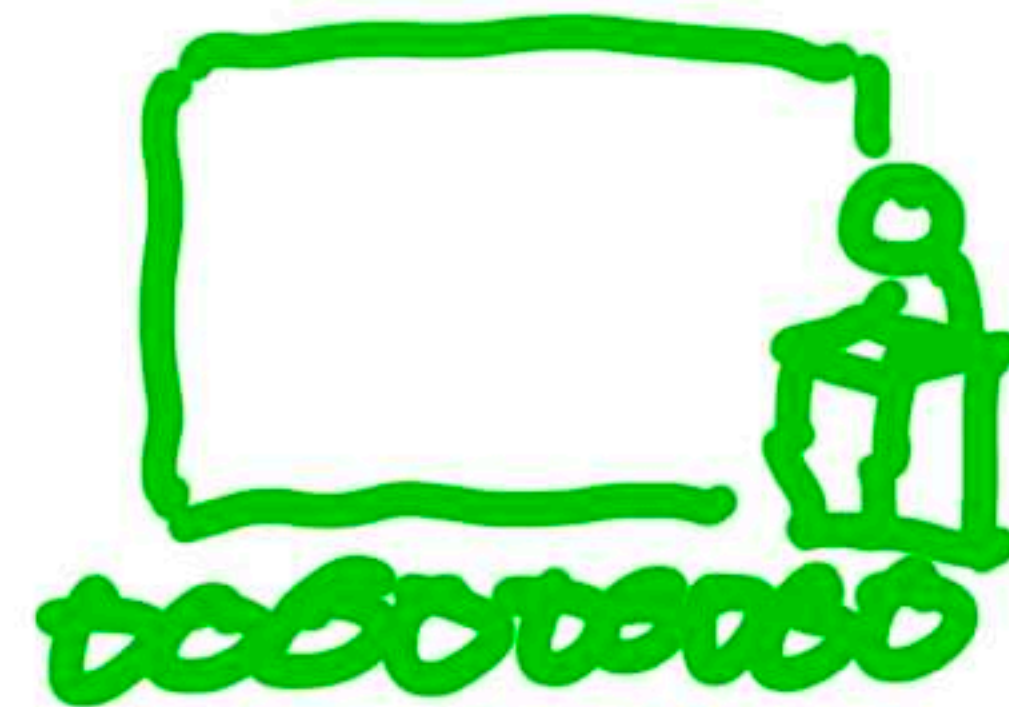
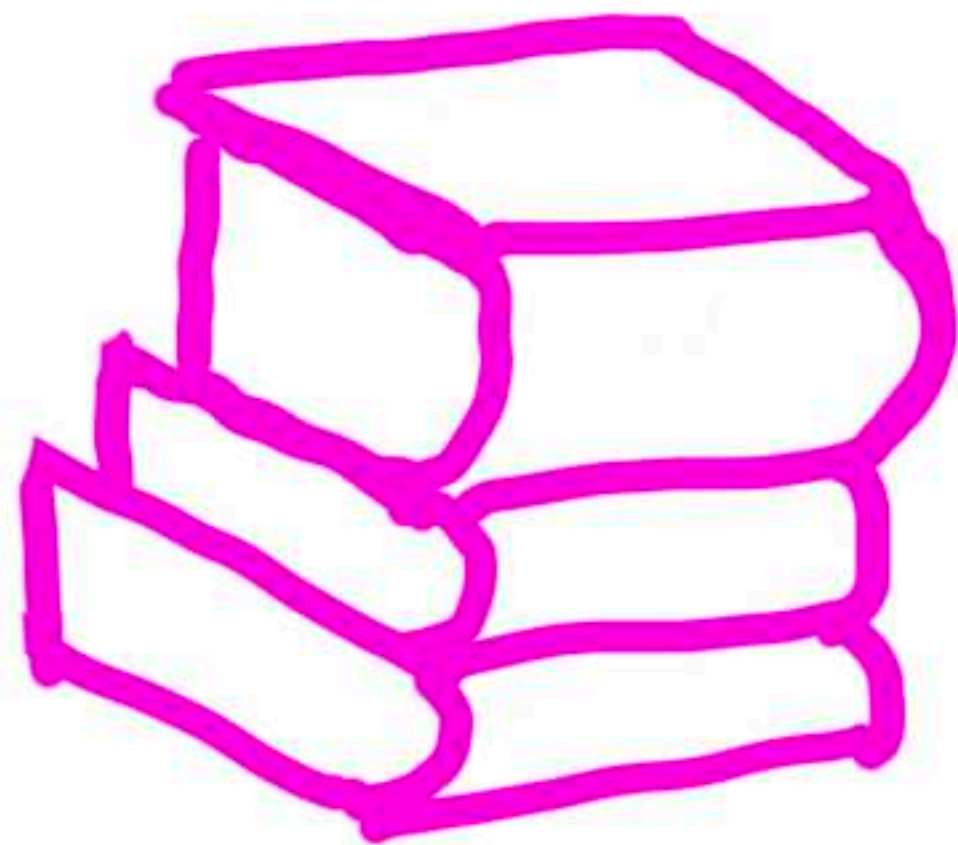


# AUDITORY *superpower!*

- ★ **Study buddies!**
- ★ **Watch guest speakers at meetups or conferences**
- ★ **Audiobooks! Podcasts! Interviews!**
- ★ **Use your own voice – talk to yourself!**

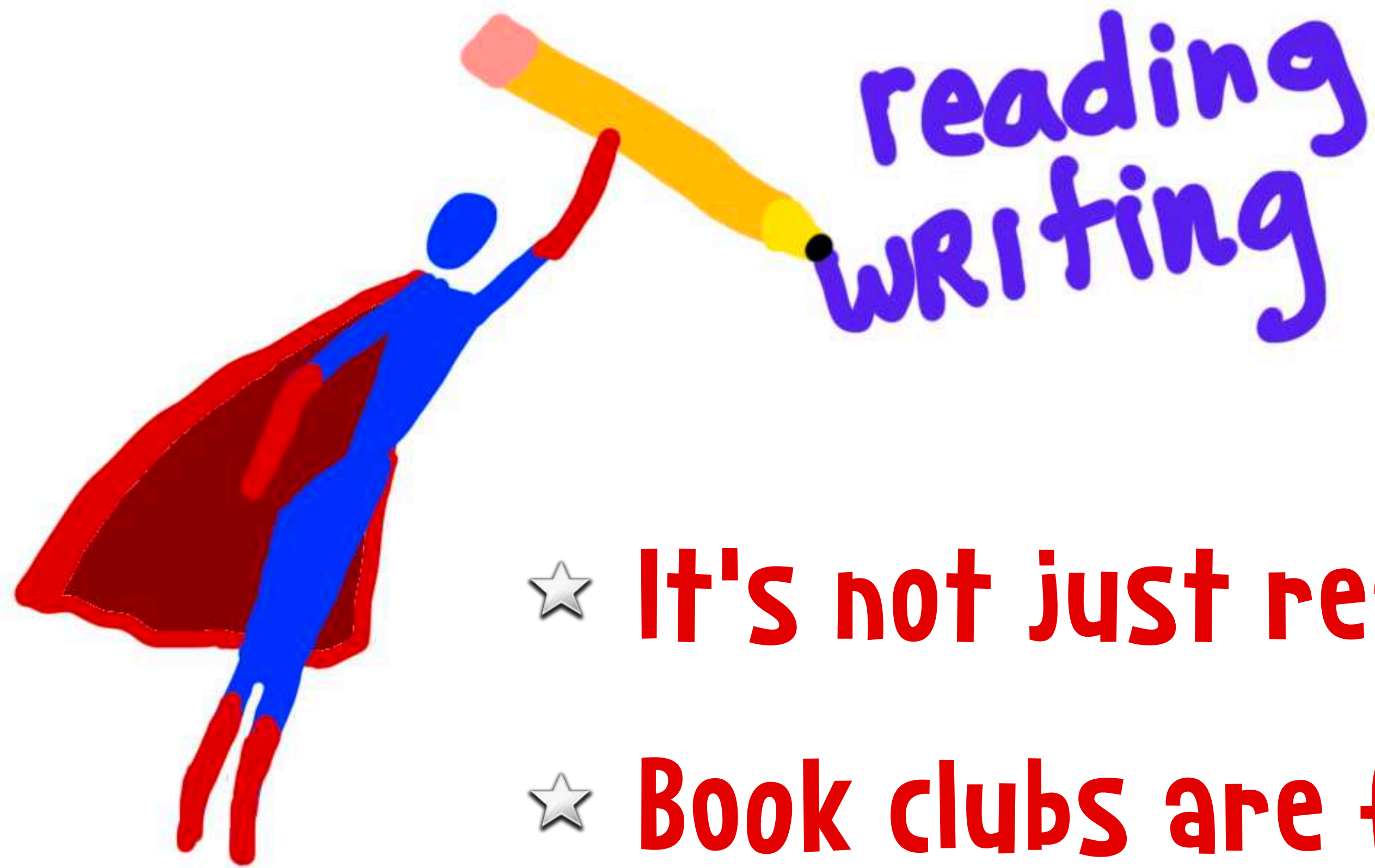


reading / writing



@wiggitywhitney

@mattstratton

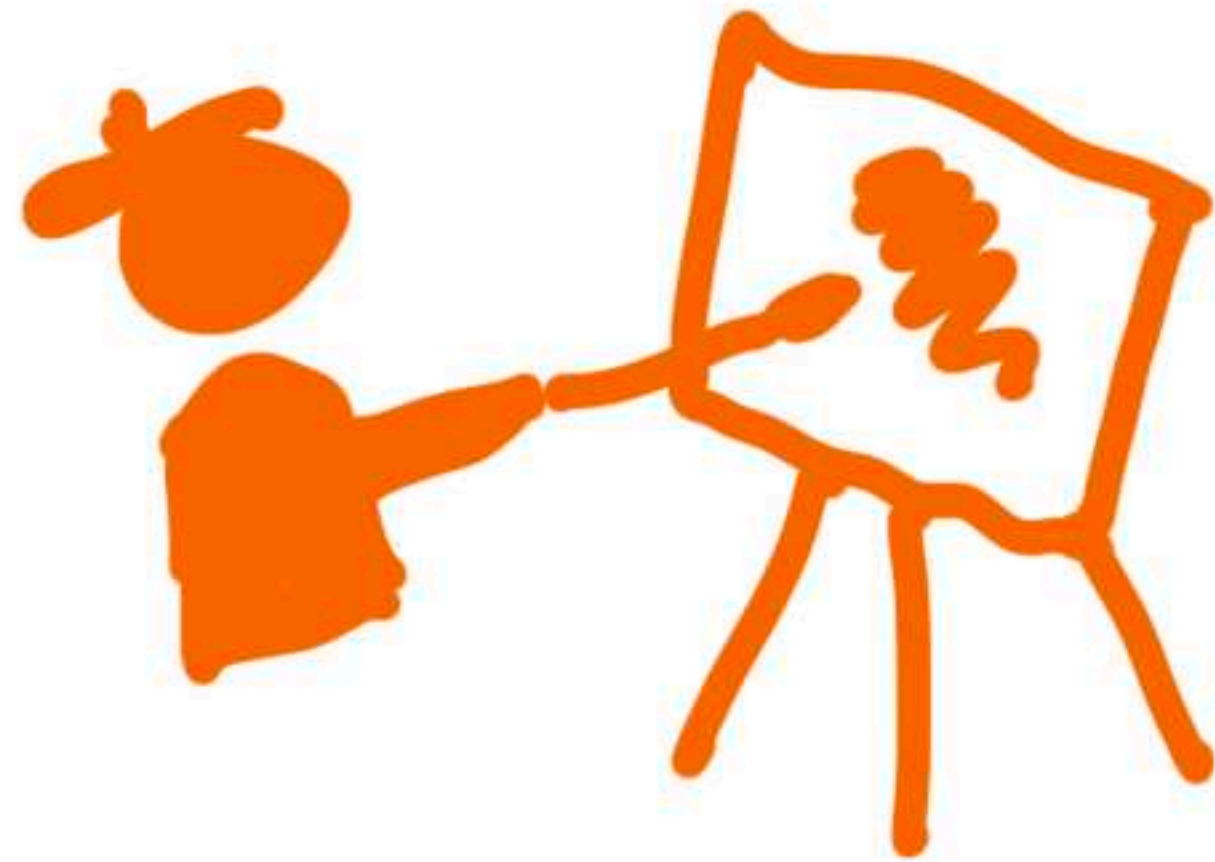
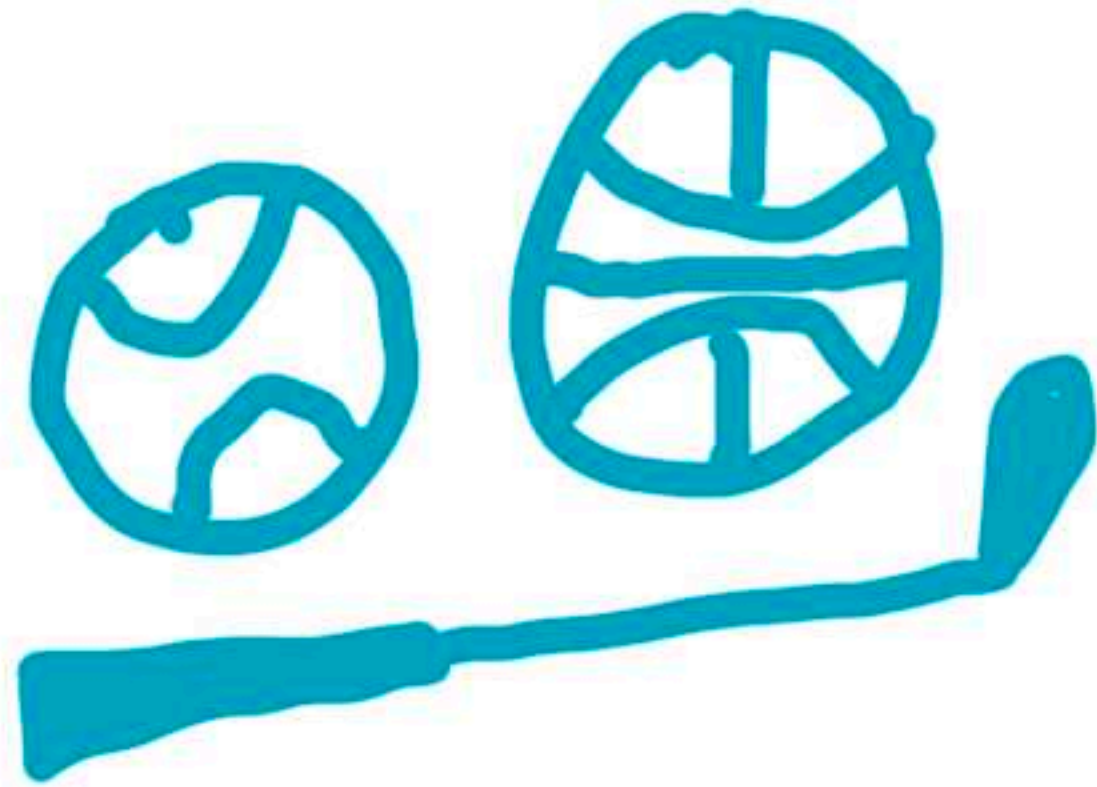


*superpower!*

- ★ It's not just reading – write as well!
- ★ Book clubs are fun! Join one.
- ★ Reframe in your own words
- ★ Use flashcards

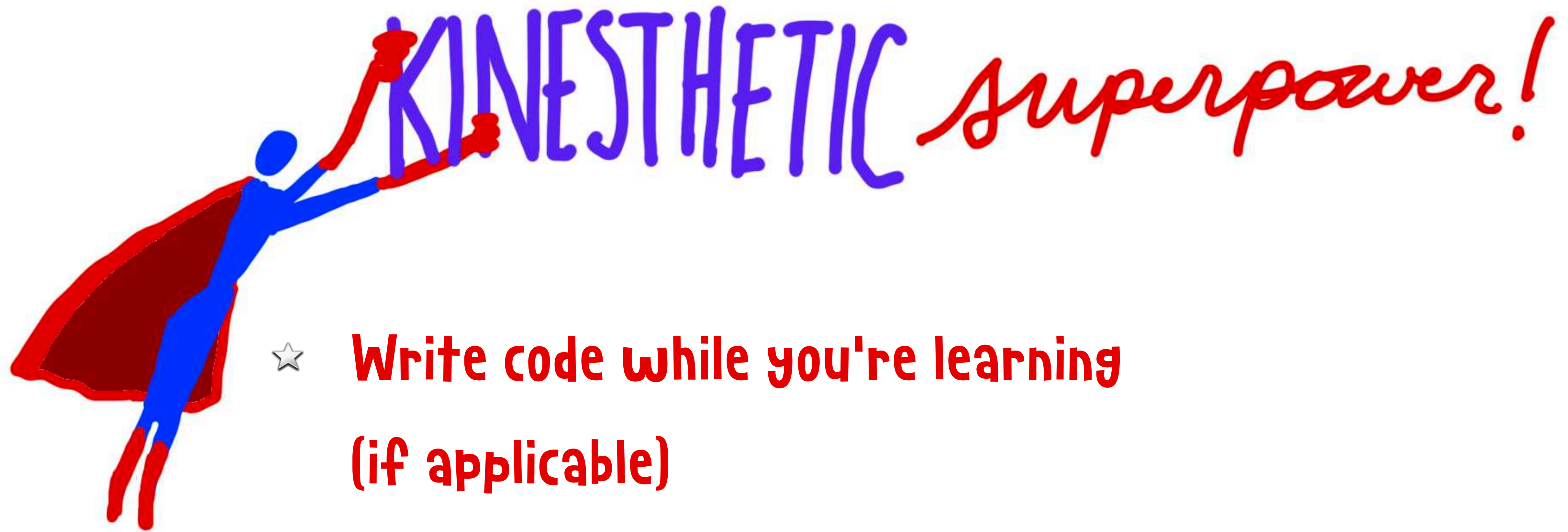


kinesthetic



@wiggitywhitney

@mattstratton



- ★ Write code while you're learning (if applicable)
- ★ Learning can be a game!
- ★ Don't forget your pace
- ★ Look for hands-on resources/playgrounds online

stories from  
**REAL PEOPLE**

@wiggitywhitney

@mattstratton

# GUINEVERE SAENGER

Unhelpful advice I received;

"jUST go cOntRibUte!"

"you ssh into nodes but kubectl exec into pods - this killed me"

"Everyone insisted it was really, really hard, and mostly just referring to their inability to explain it"

# Kat Cosgrove

Unhelpful advice I received;

"Oh, this is always hard to learn"

"No one is an expert in every one of the many moving pieces that make up Kubernetes"

Hardest thing about learning K8s;  
"Networking. Frankly, I'm still pretty convinced that networking is magic"



**Lena Hall** 🇺🇦

@lenadroid

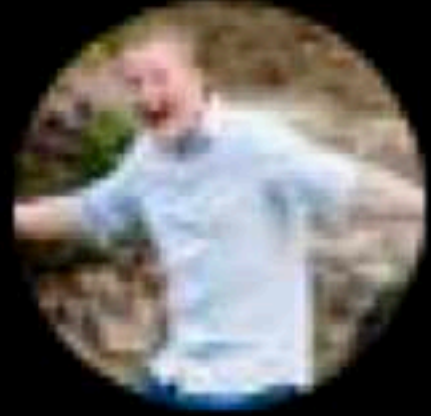
Replying to @mattstratton and @wiggitywhitney

I read a big percentage of Kubernetes documentation in 2015 in the last row of a sparsely populated movie theater session. It was fun 😊

5:45 PM · May 4, 2022 · Twitter for Android

@wiggitywhitney

@mattstratton



**Tim Davis**

@vtimd



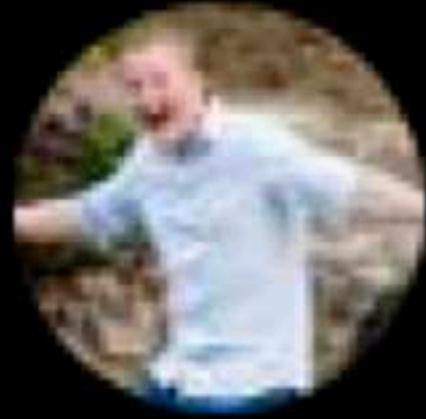
Replying to [@mattstratton](#) [@DivineOps](#) and [@wiggitywhitney](#)

I still think it's a bunch of smoke, mirrors, and a man behind the curtain. I LEARNED IT BY WATCHING YOU, OK! Also, I still don't know it. Send help.

5:11 PM · May 4, 2022 · Twitter for iPhone

@wiggitywhitney

@mattstratton



**Tim Davis**

@vtimd



Replying to [@mattstratton](#) [@DivineOps](#) and [@wiggitywhitney](#)

I still think it's a bunch of smoke, mirrors, and a man behind the curtain. I LEARNED IT BY WATCHING YOU, OK! Also, I still don't know it. Send help.

5:11 PM · May 4, 2022 · Twitter for iPhone

WTF,  
TIM?!

@mattstratton

@wiggitywhitney



**Duffie Cooley**   

@maulion



Replying to @mattstratton and @wiggitywhitney

In three acts:  
[@kelseyhightower](#) presentations.

[Slack.k8s.io](#) #kubernetes-users answering questions and using questions I didn't know the answers to, to go learn more.

Working on tectonic at coreos

Sharing with others is always the most effective way to learn a thing.

3:54 PM · May 4, 2022 · Twitter for iPhone

@wiggitywhitney

@mattstratton

Sharing with others is always the most effective way to learn a thing.

@wiggitywhitney

@mattstratton

# Tips | Tricks | Takeaways

- ★ Take time to find resources that work for you
- ★ Build sustainable habits
- ★ Be kind to yourself
- ★ Find a mentor
- ★ There is no getting around it, deep learning takes time

# REFERENCES

Obsidian <https://obsidian.md/>

Notion <https://www.notion.so/>

Anki <https://apps.ankiweb.net/>

↳ Types of Learning Styles; How to Accommodate a Diverse Group of Students

<https://www.rasmussen.edu/degrees/education/blog/types-of-learning-styles/>

The VARK Questionnaire

<https://vark-learn.com/the-vark-questionnaire/>

Overview of VARK Learning Styles

<https://www.verywellmind.com/vark-learning-styles-2795156>

↳ Types of Learning Styles; Explaining the VARK Model

<https://sphero.com/blogs/news/learning-styles-for-kids>

↳ Enlightning "How Do You Structure Learning For Technical Concepts?" <https://via.vmw.com/Ehup>

Twitter thread on advice from community <https://twitter.com/mattstratton/status/1521954012370817025>

# REFERENCES

[bit.ly/ChartingYourCourseKubeCon](https://bit.ly/ChartingYourCourseKubeCon)



@wiggitywhitney

@mattstratton