Finger-painting Online: Experiments in Synchronous Multimodality

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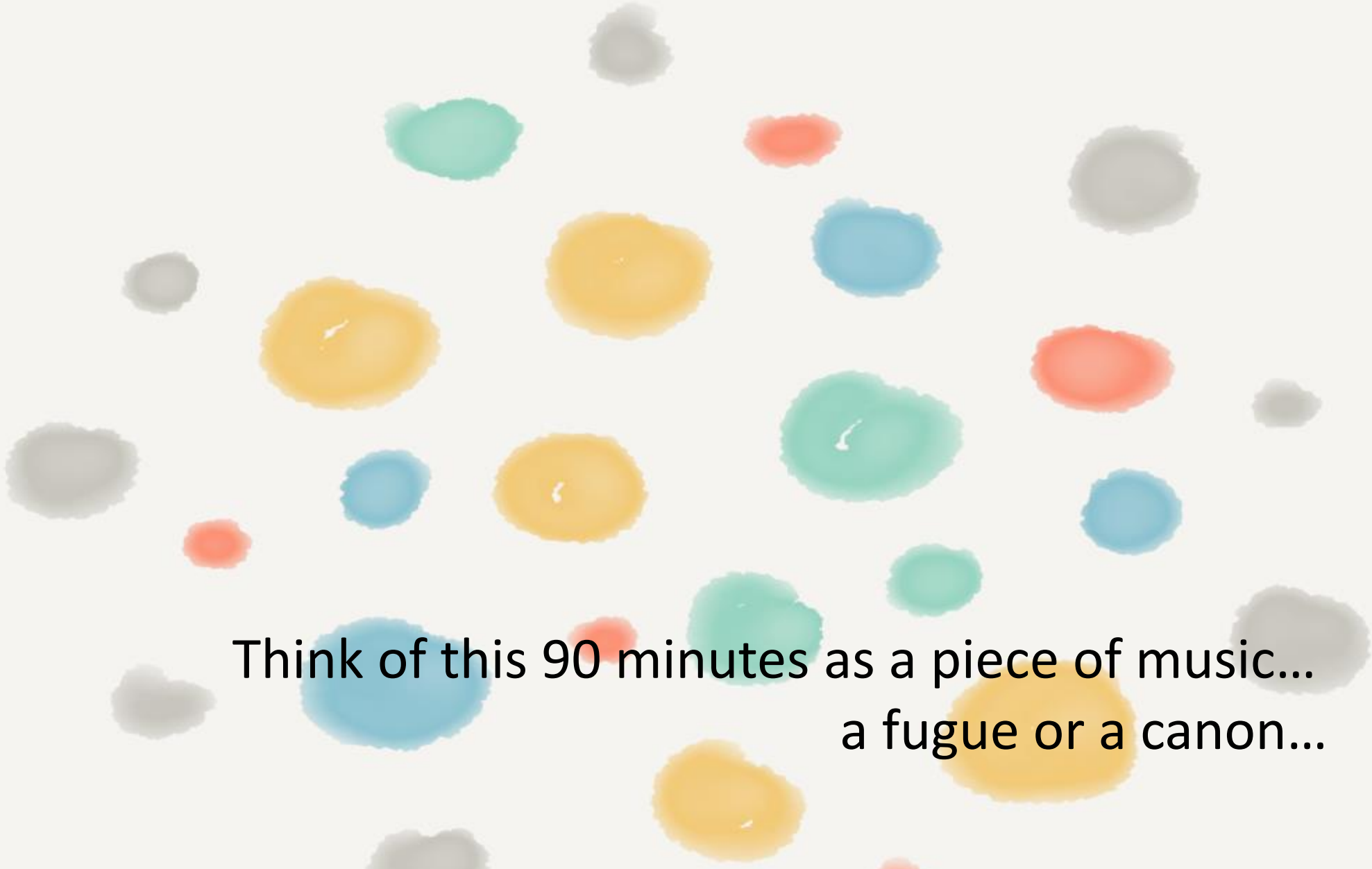
http://www.fullcirc.com



Think of this 90 minutes as a piece of music…
a fugue or a canon…

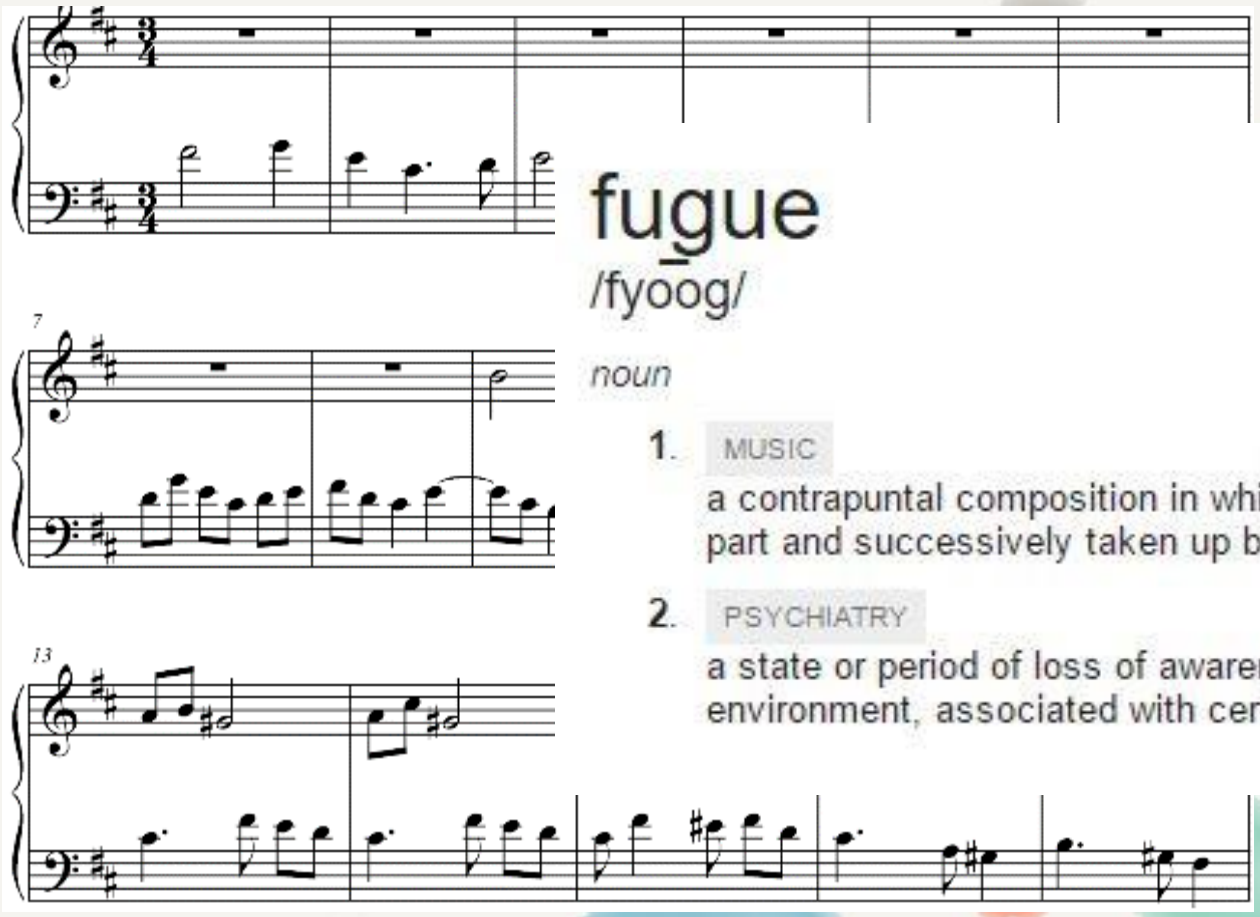
https://archive.org/details/AOC25B/onclassical_palareti_bach_art-of-fugue_1-i_contrapunctus-i.mp3

1. Get the beat.

Before you disturb the system in any way, watch how it behaves. If it's a piece of music or a whitewater rapid or a fluctuation in a commodity price, study its beat. If it's a social system, watch it work. Learn its history. Ask people who've been around a long time to tell you what has happened. If possible, find or make a time graph of actual data from the system. Peoples' memories are not always reliable when it comes to timing.

Donella Meadows

http://donellameadows.org/archives/dancing-with-systems/



fugue

/fyoog/

noun

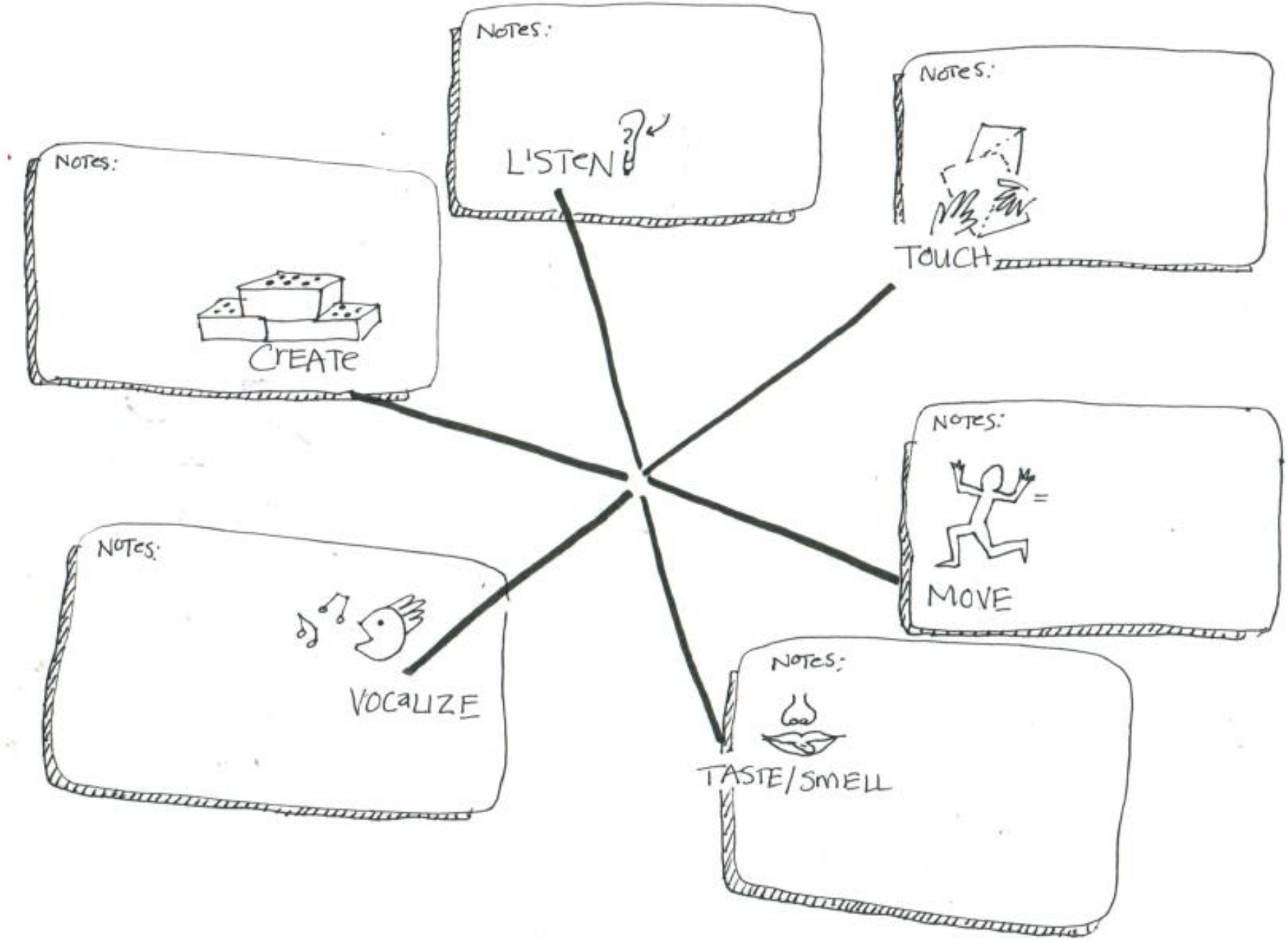
1. MUSIC
   a contrapuntal composition in which a short melody or phrase (the subject) is introduced by one part and successively taken up by others and developed by interweaving the parts.
2. PSYCHIATRY
   a state or period of loss of awareness of one's identity, often coupled with flight from one's usual environment, associated with certain forms of hysteria and epilepsy.

Fugue: https://en.wikipedia.org/wiki/Fugue " A fugue usually has three sections: an exposition, a development, and a final entry that contains the return of the subject in the fugue's tonic key. "

In the chat area…
How did you **FEEL** listening to the music?
What did you **THINK** listening to the music?
If they were different, why might that be **useful** (or not!)?

EXPOSITION

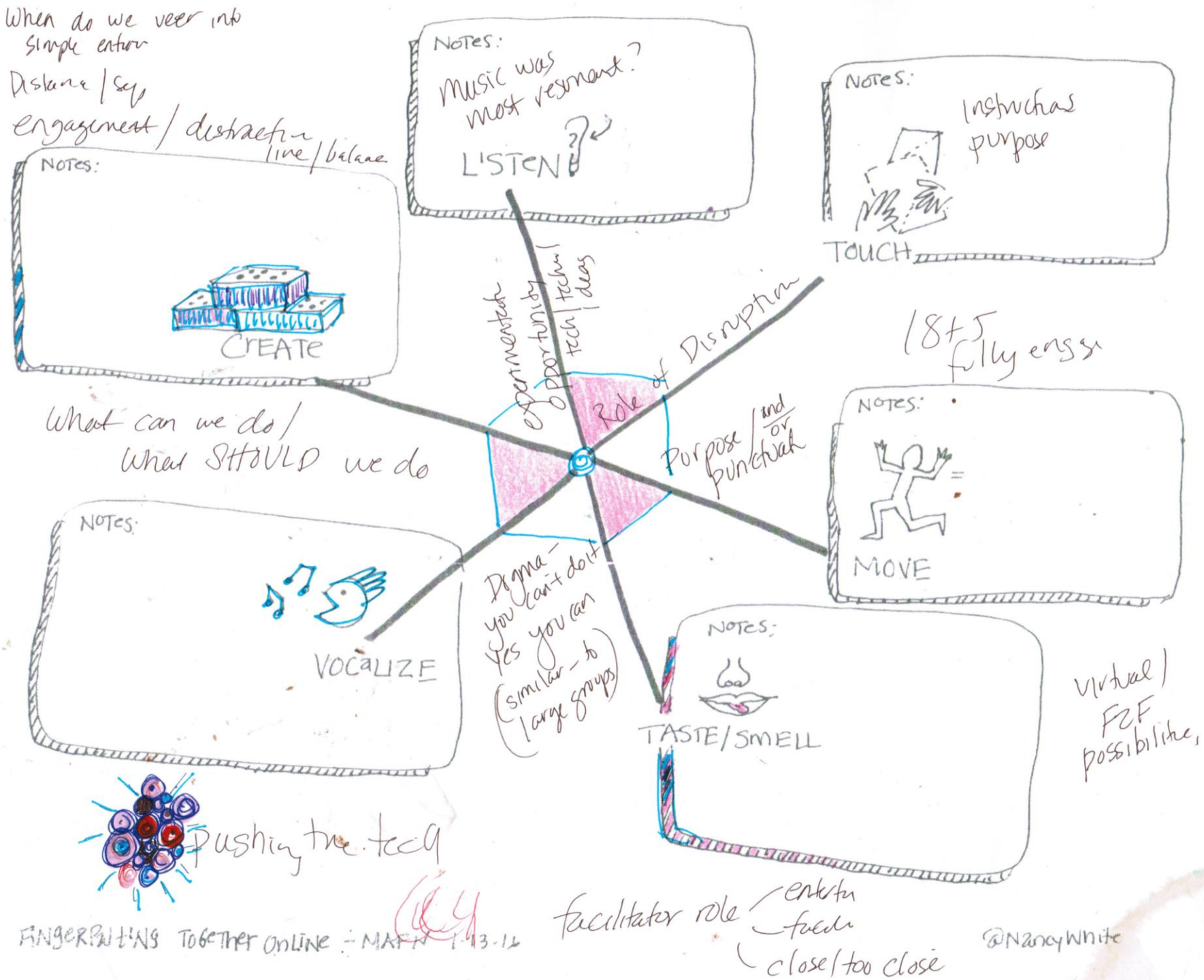
http://vivmcwaters.com.au/

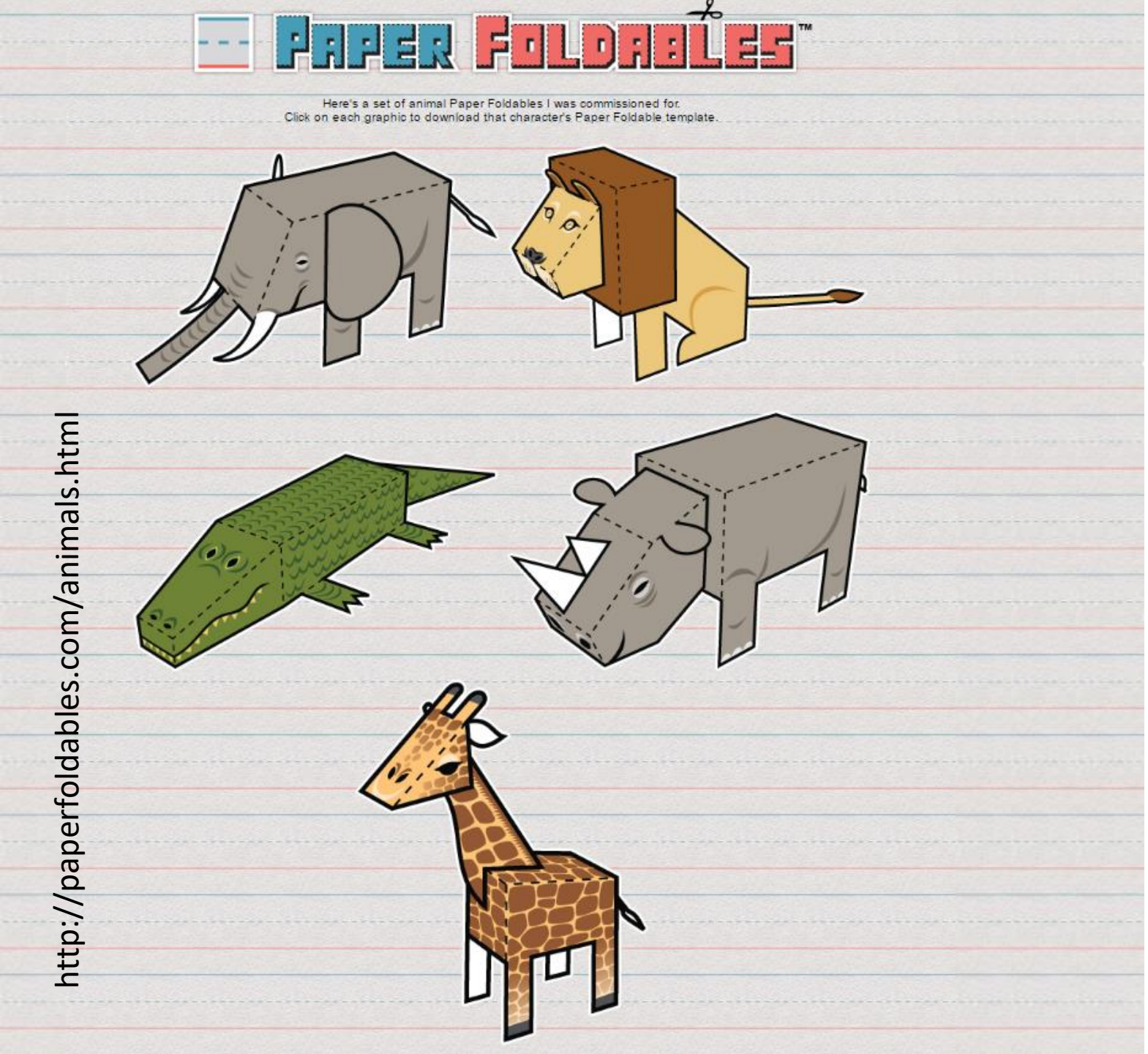


FINGERPAINTING TOGETHER ONLINE - MAFN 1.13.12

@NancyWhite

Here are my visual notes, complete with a tea splot on the lower right…

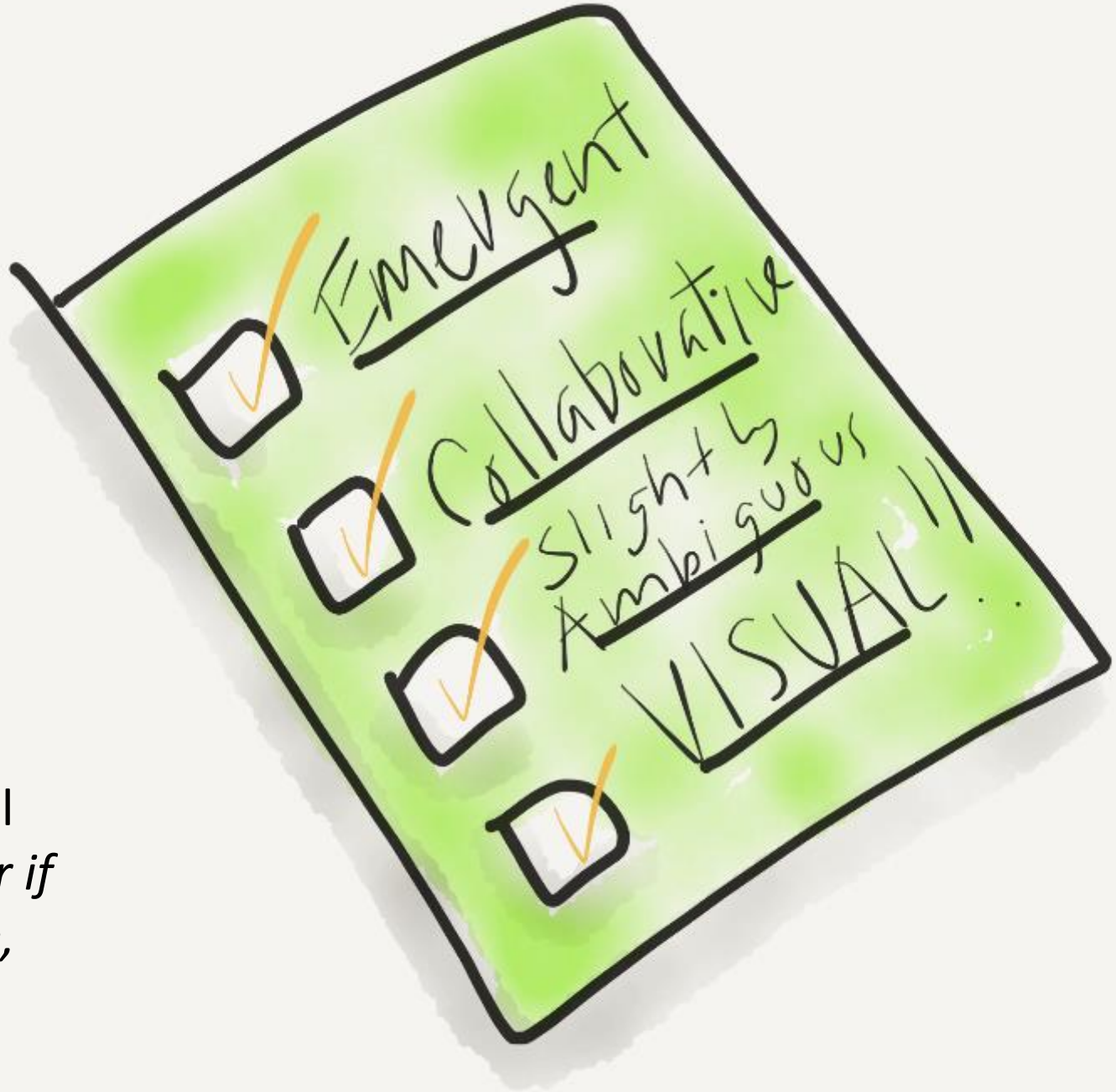




TOUCH

1. Find your animal's chat room.
2. Write in the chatroom describing what you were thinking and feeling when you assembled your animal. Read others and reflect.
3. Now imagine participants in an online chatroom, discussion board or video/audio meeting. How could these animals (or something else physical) add value?

DEVELOPMENT



Share an insight from your animal chat room in the full group chat room please! *Or if you are feeling provocative, write on the whiteboard!*

MOVE!

http://donellameadows.org/a-visual-approach-to-leverage-points/

http://groupworksdeck.org/patterns/Mode_Choice
http://groupworksdeck.org/patterns/Subgroup_and_Whole_Group
http://groupworksdeck.org/patterns/Expressive_Arts

TASTE/ SMELL

http://health.howstuffworks.com/mental-health/human-nature/perception/smell3.htm

How can we use both the social strength around food sharing, and other taste/smell constructs in online facilitation?

VOCALIZE/
SING

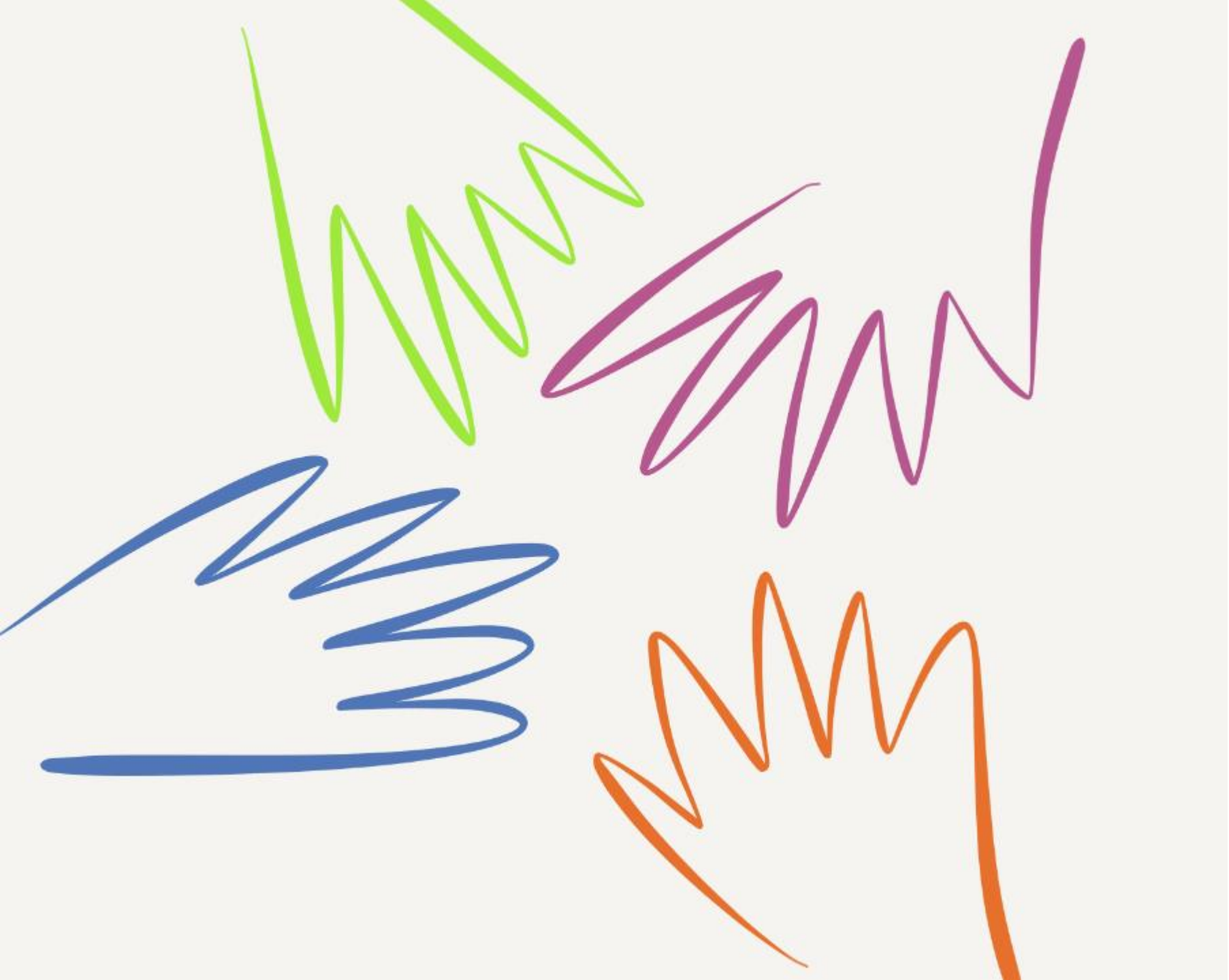
Singing is found in all human societies and can be performed to some extent by the vast majority of humans: singing is a universal human behavioural capacity, and this implies that ***it could have arisen as an evolutionary adaptation*** [21,22]. Notably, it has been argued that singing, as well as other musical activities, may have evolved as a mechanism of social bonding [23–25]. Support for this comes from the association between singing and the release of neuropeptides known to be associated with social bonding: oxytocin and β-endorphin [26–28]. β-Endorphin is implicated in mother–infant bonds, romantic relationships and social touch in humans [29–31], and appears to be released during synchronous behaviours that involve some physical exertion, such as rowing [32,33], laughter [34] and dancing [28], particularly in social contexts [35]. As a coordinated and often synchronous activity, for example, in terms of breath and heart rhythms, as well as timing and pitch [36], it is unsurprising that singing has also been linked with elevated β-endorphin levels [28].

http://rsos.royalsocietypublishing.org/content/2/10/150221

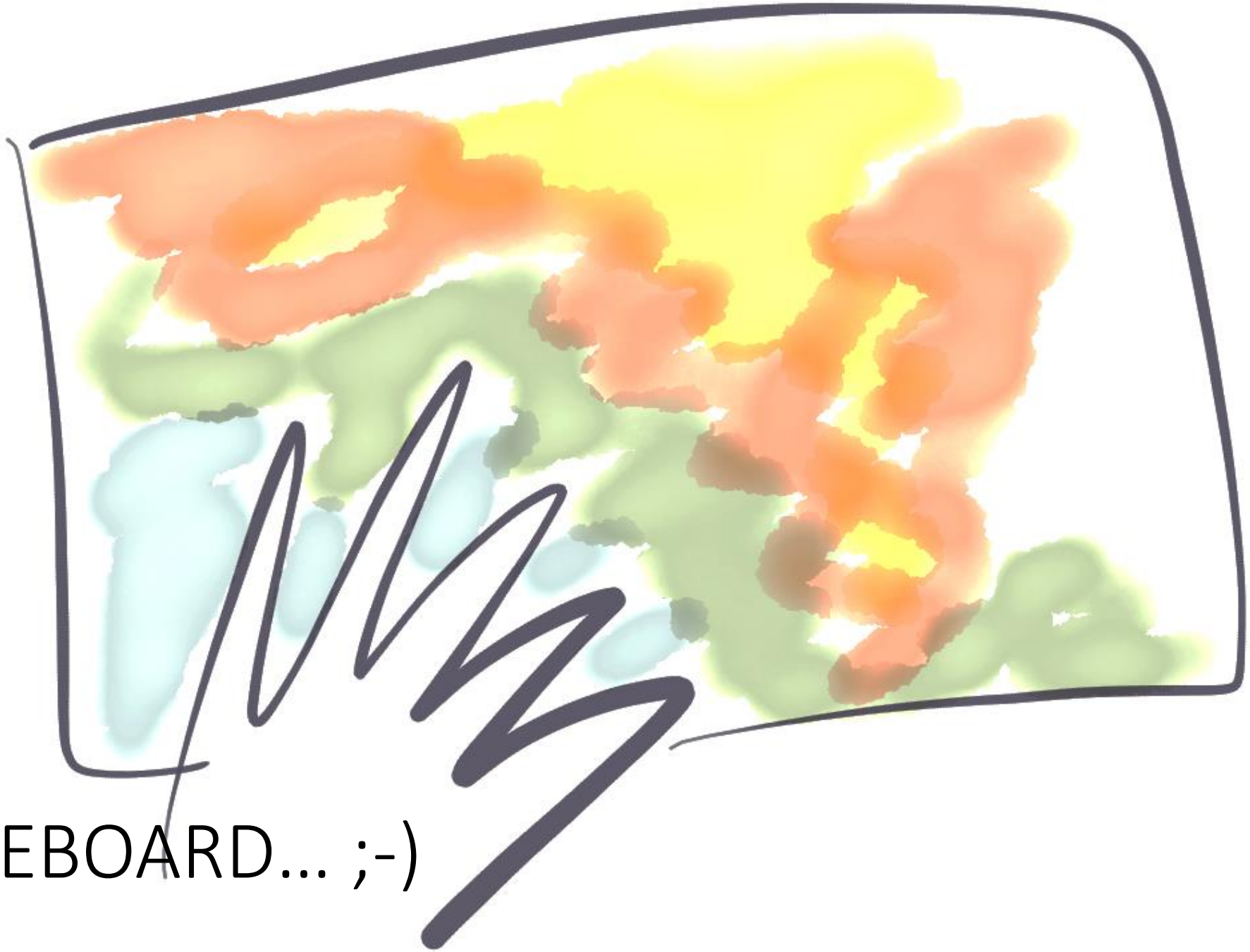
In addition to the apparent endorphin effect, an expanding body of the literature has consistently shown that synchronous activity increases subsequent prosocial behaviour and feelings of affiliation (e.g. [37–45]). Furthermore, synchrony is interpreted by observers as a marker of high group cohesion and entitativity, suggesting that the association between synchrony and group unity is particularly strong [46,47]. Indeed, qualitative data from singing groups and choirs suggests that social interaction and a sense of belonging are important positive features of attendance [48–50]. Moreover, singing has been shown to increase positive affect and choir members often report a 'lift' in mood after singing [27,28,51–53]. This shared experience of positive mood enhancement can be seen as a further form of synchronization, preparing performers for further coordinated activity [54].

… there are lots of papers about this!
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4114289/
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4585277/
And on and on…

Can we use group singing? When? Do we alienate too much?
Photo by Injenuity



CREATE/
DESTROY/
RE-CREATE



MOVE TO WHITEBOARD… ;-)

Draw something

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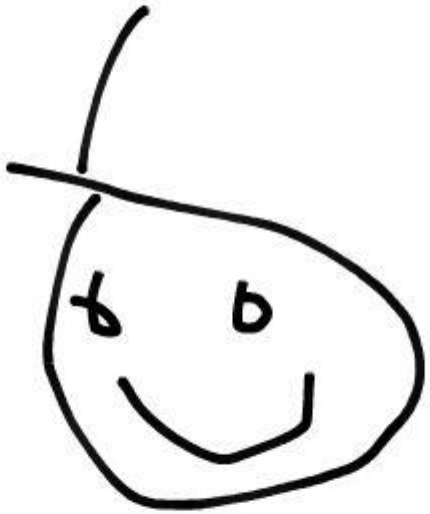
Draw something



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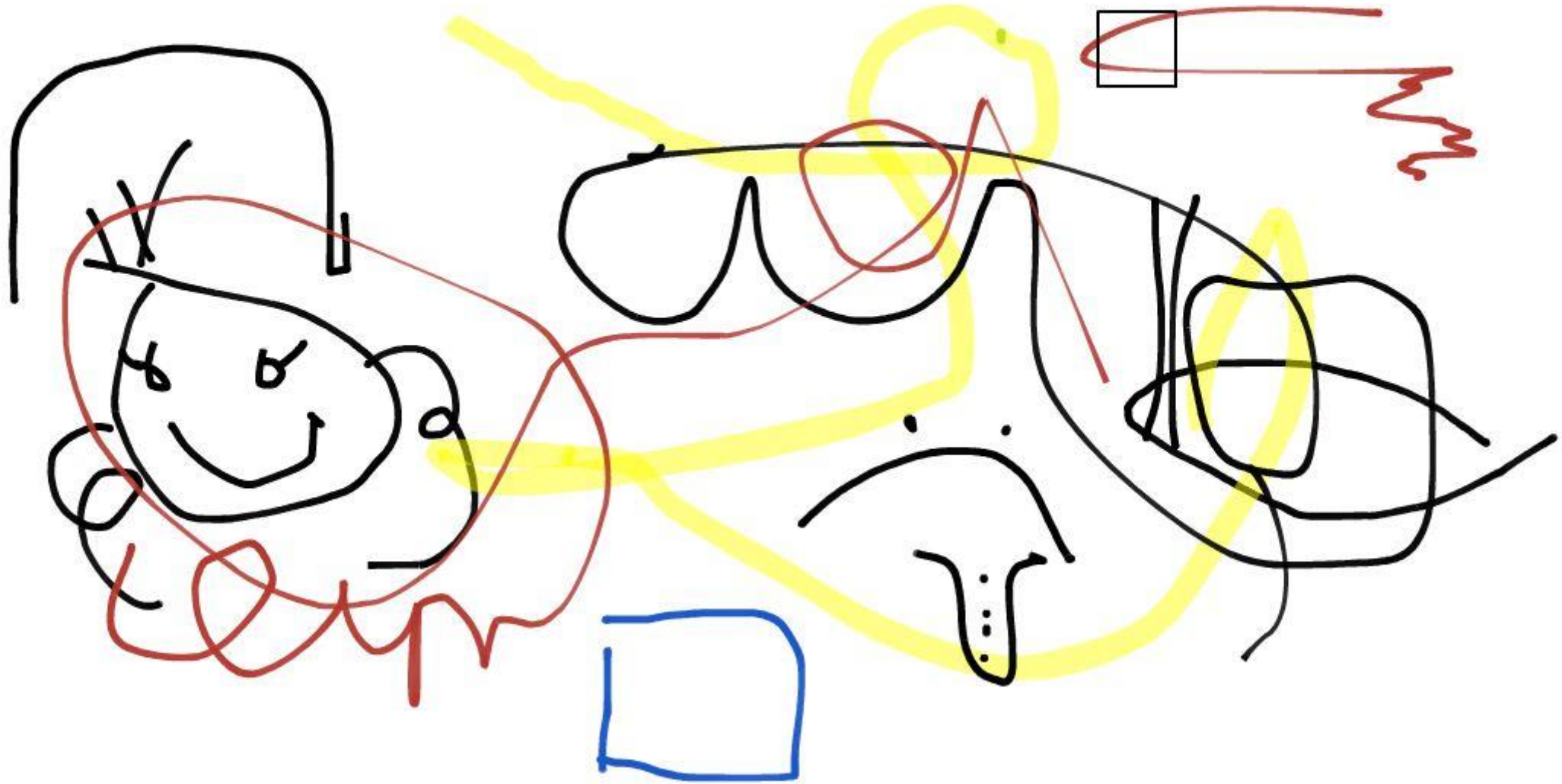

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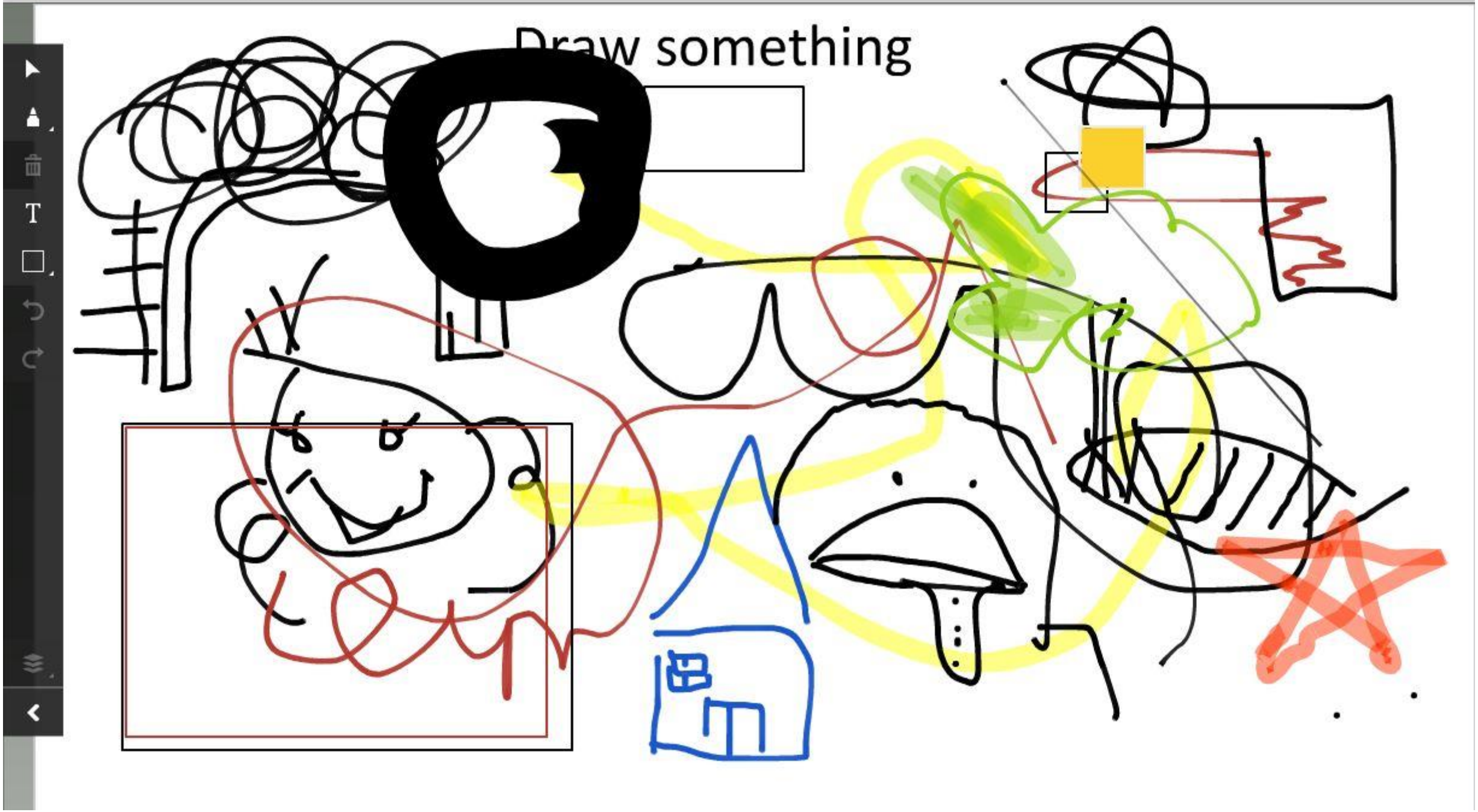

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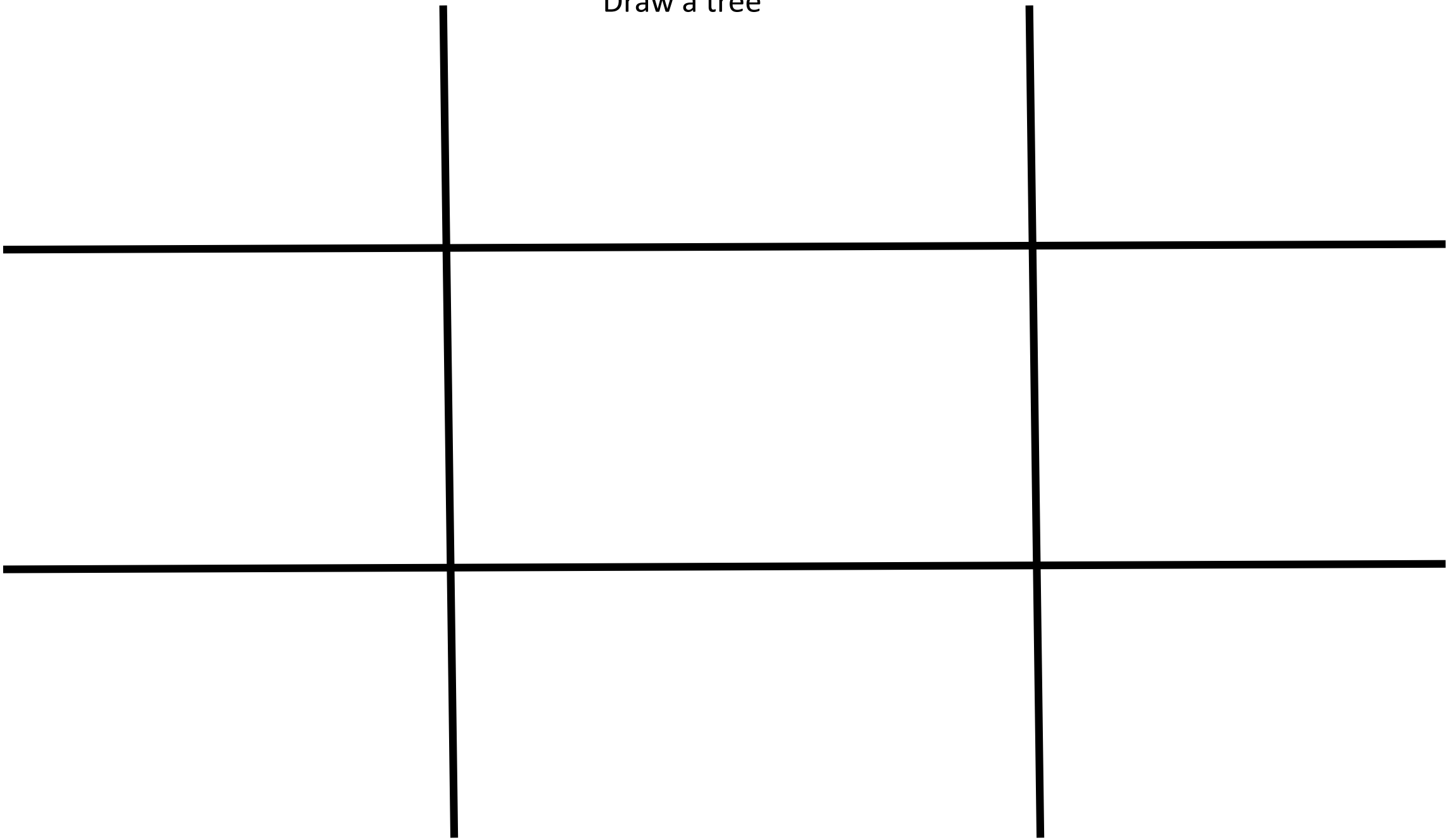
Draw a tree



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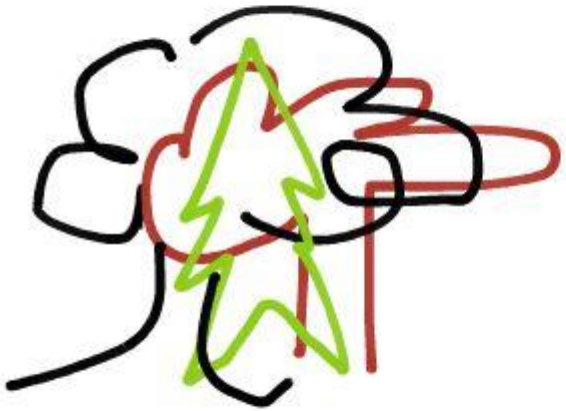

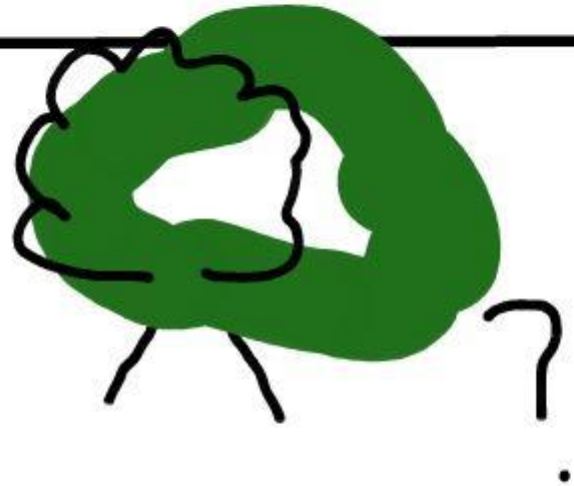

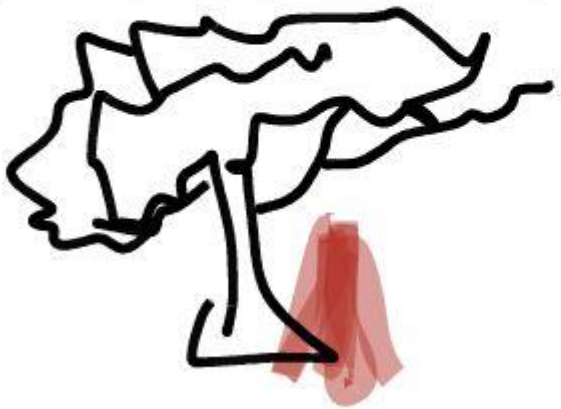

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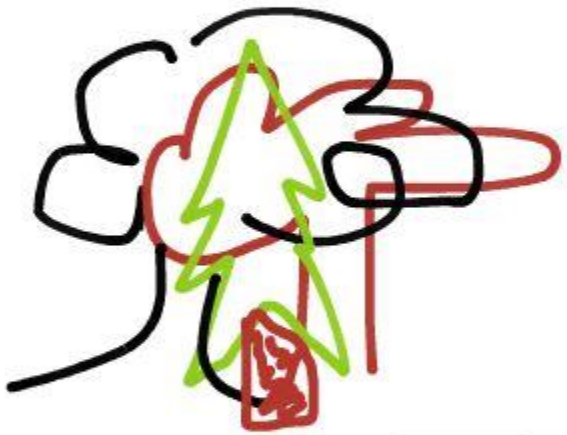
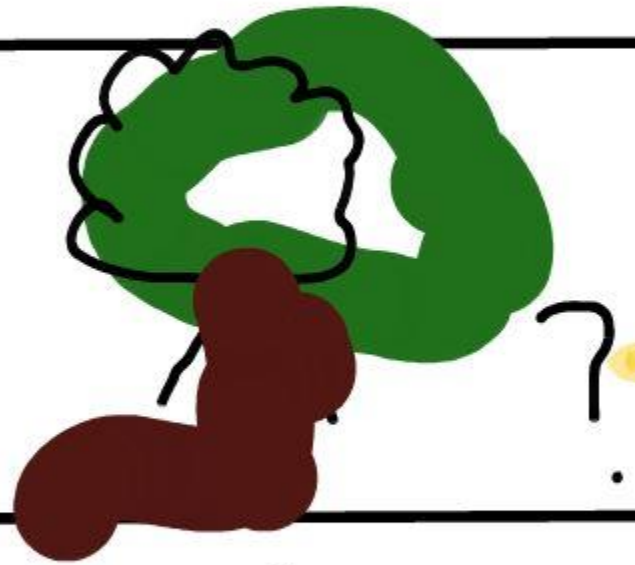
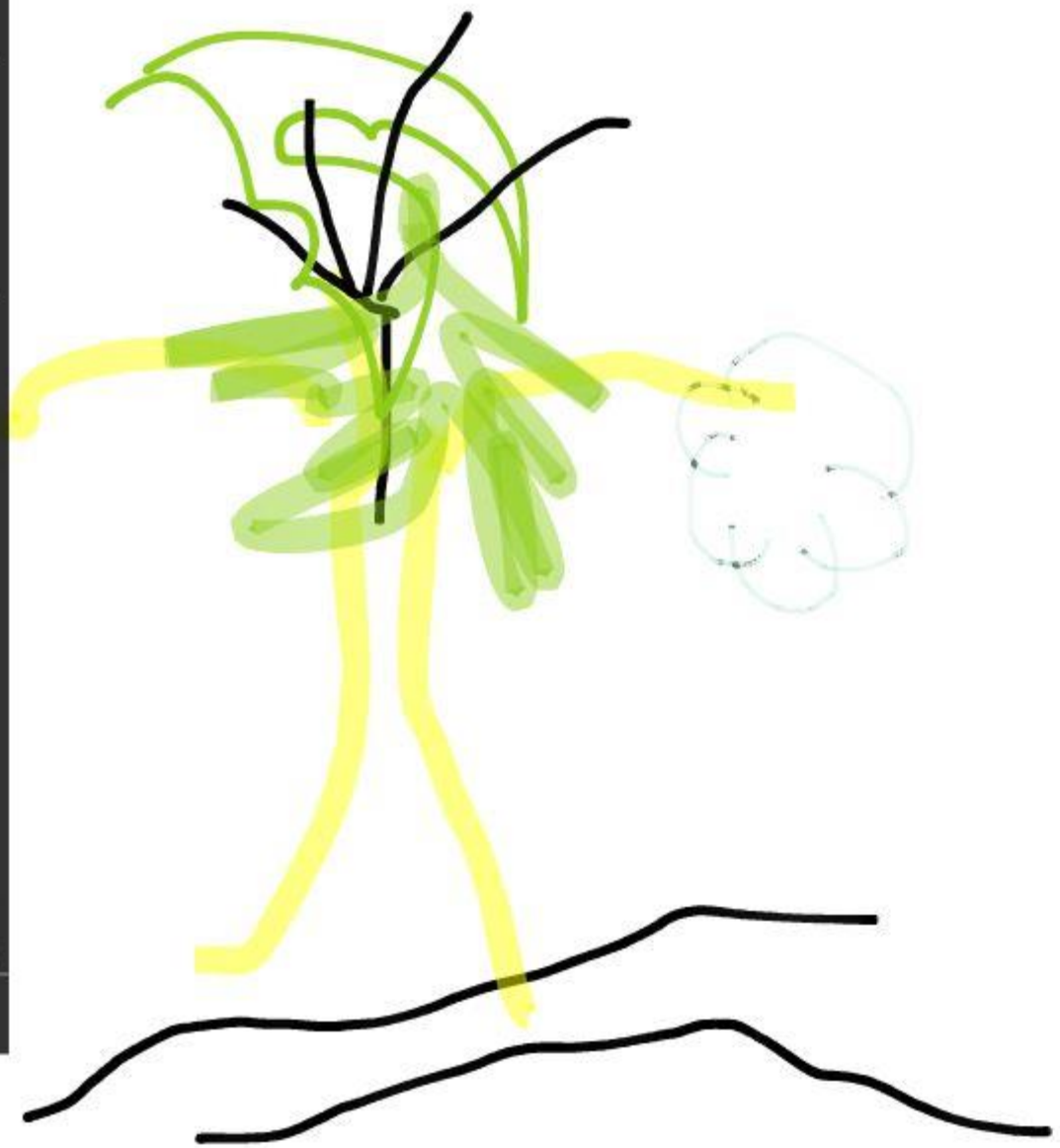



Create a forest

Create a forest



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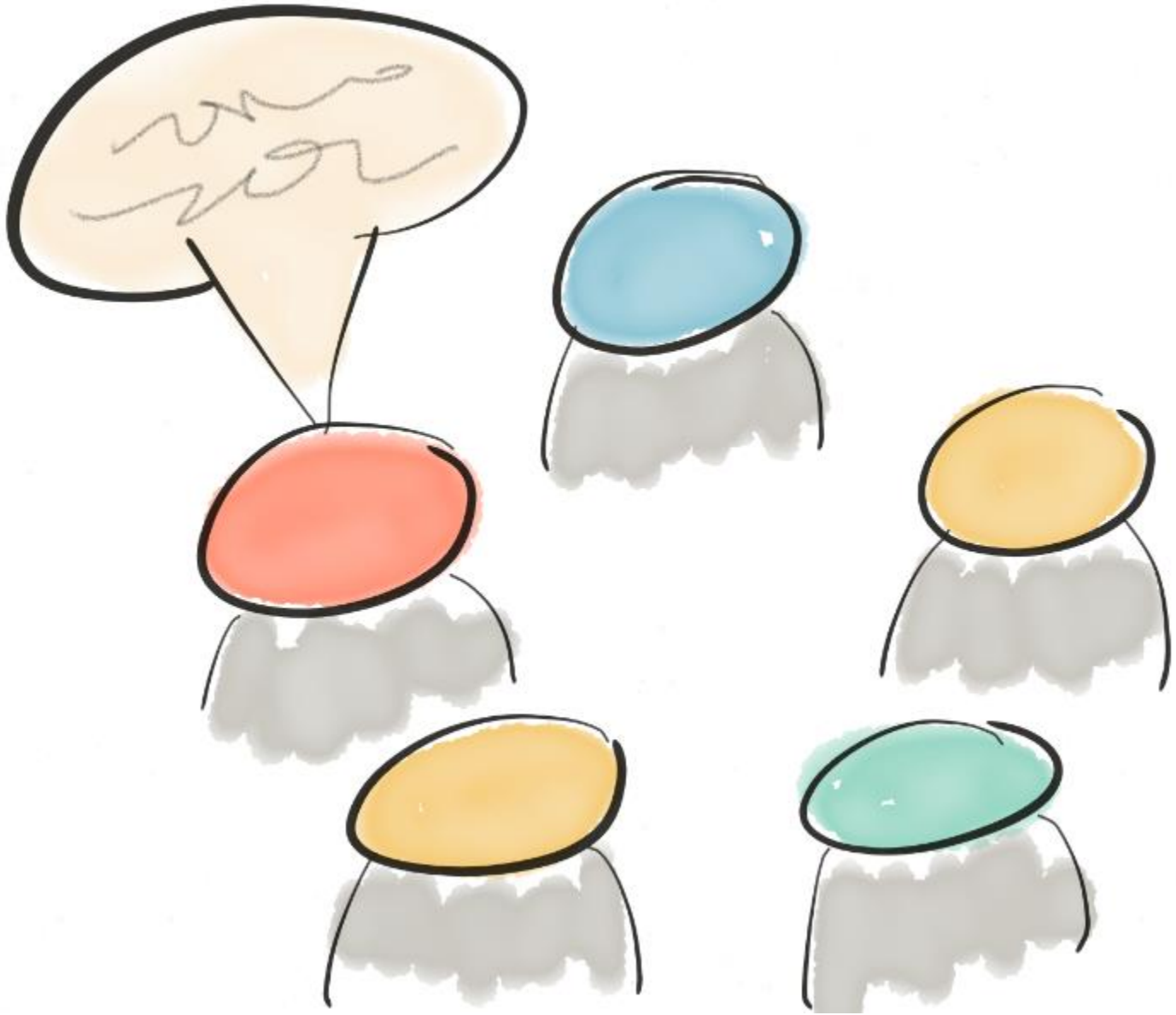
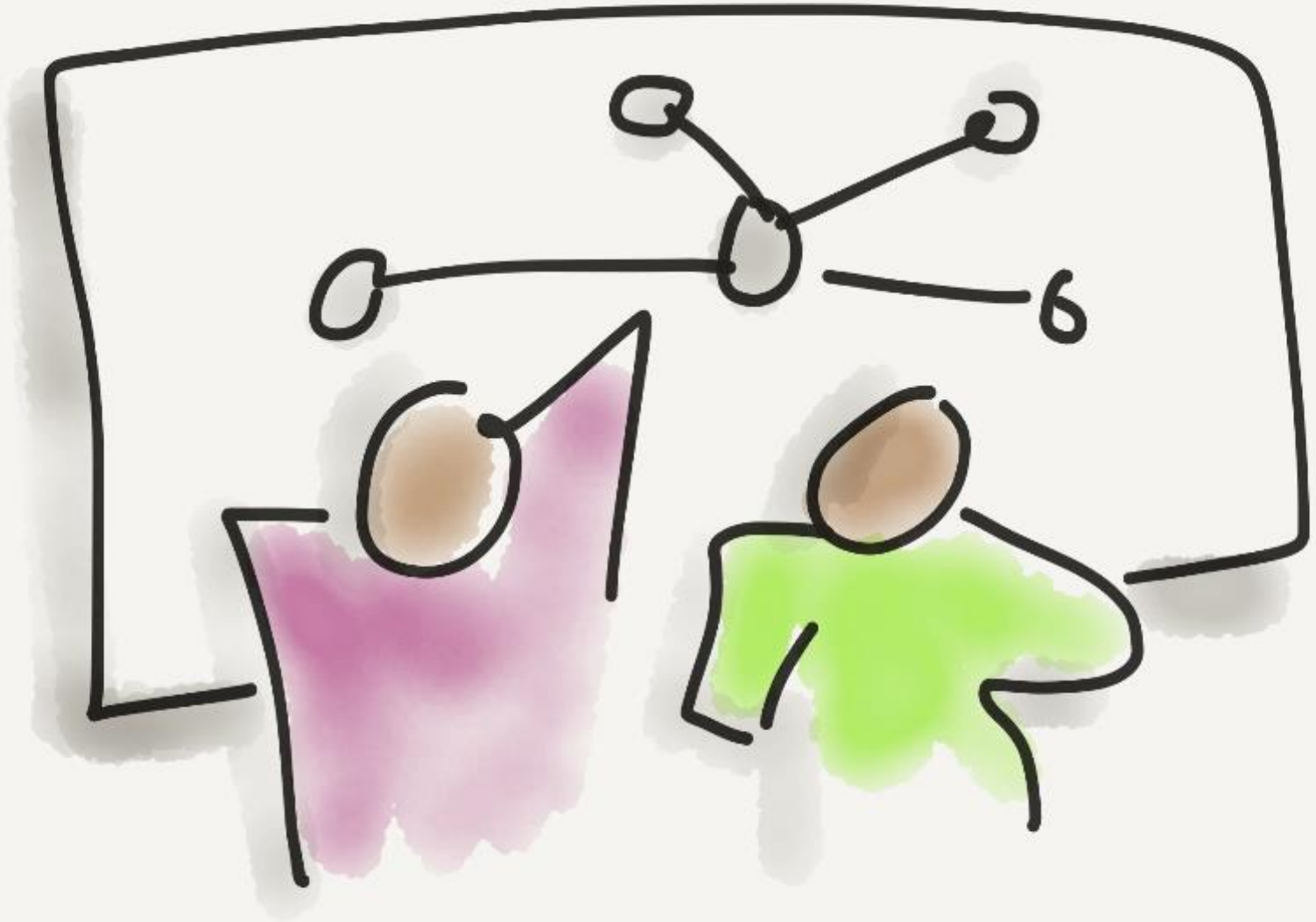
RETURN

http://www.liberatingstructures.com/9-what-so-what-now-what-w/



WHAT Happened?

What data, facts, observations do you have of the last 80 minutes?



WHAT?

SO WHAT?

Why is that important? What patterns or conclusions are emerging? What hypotheses can I/we make?

WHAT?
SO WHAT?

WHAT NEXT?

What actions make sense for you?

The Dance

1. Get the beat.
2. Listen to the wisdom of the system.
3. Expose your mental models to the open air.
4. Stay humble. Stay a learner.
5. Honor and protect information.
6. Locate responsibility in the system.
7. Make feedback policies for feedback systems.
8. Pay attention to what is important, not just what is quantifiable.
9. Go for the good of the whole.
10. Expand time horizons.
11. Expand thought horizons.
12. Expand the boundary of caring.
13. Celebrate complexity.
14. Hold fast to the goal of goodness.

Dancing With Systems,
Donella Meadows

http://donellameadows.org/archives/dancing-with-systems/

- **Improvise with Images via pechaflickr** – Alan Levine - mashup of pecha kucha, battle decks, and images from flickr http://pechaflickr.cogdogblog.com
- **Step out of comfort zones with Improv Scenarios -** Jon Thrower http://cloudcuckoo.co.uk/jonthrower/improv_scen.htm
- **Thinking with the Body: Addressing Conflict from the Inside Out -**Michelle LeBaron http://www.omediate.org/docs/4a%20-%20Dancing%20at%20the%20Crossroads.pdf
- **The Three Languages You Need to Take a Project from Dreams to Reality**- Dougald Hine ,inward, upward and outward https://medium.com/@dougald/spelling-it-out-ce47d4ea8d9b#.ge5reww0d
- **Singing mediates fast social bonding,** Eiluned Pearce, Jacques Launay, Robin I. M. Dunbar http://rsos.royalsocietypublishing.org/content/2/10/150221
- **Dancing With Systems**, Donella Meadows, http://donellameadows.org/archives/dancing-with-systems/
- **One Skeptical Scientist's Mindfulness Journey**, Scott Barry Kaufman https://blogs.scientificamerican.com/beautiful-minds/my-mindfulness-journey/
- **More music** http://www.gyrosquartet.com/samples.htm

THANK YOU!

INSPIRATIONS