

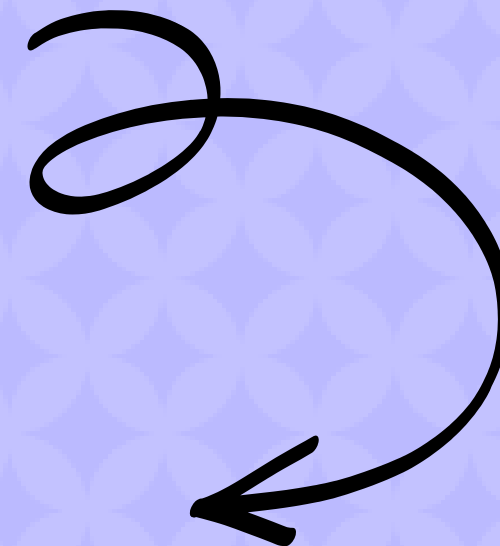


From Boring to Brilliant:

How to give a great

scientific talk

Dr Chrissie Painting



What we'll cover today

01

Before you start:

Things to think about before you begin crafting your talk

02

The Essentials:

What sections should I include in my presentation?

03

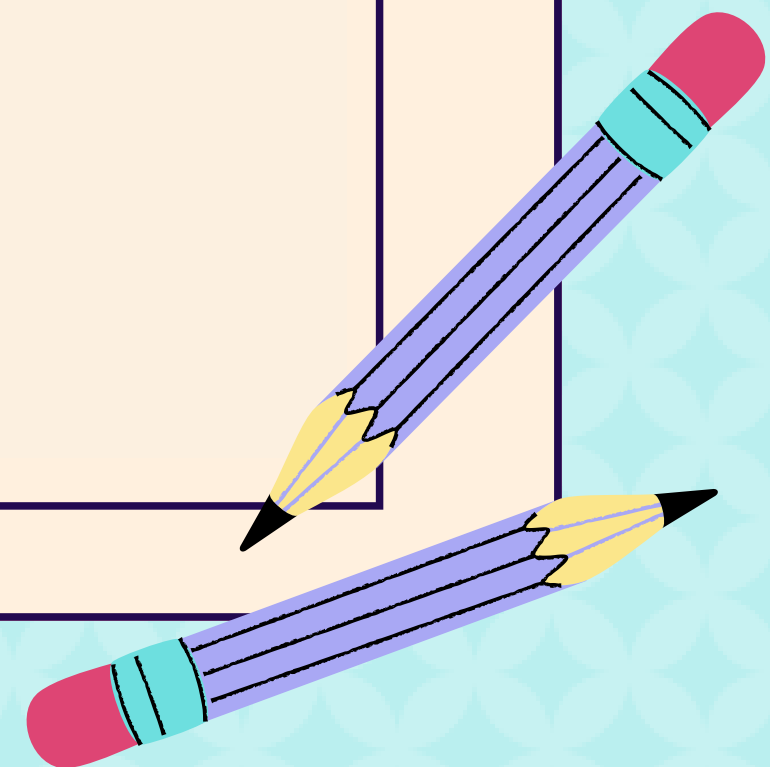
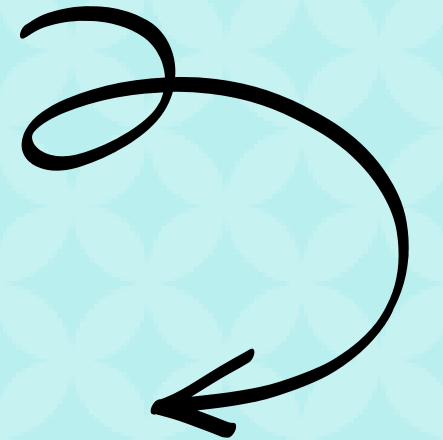
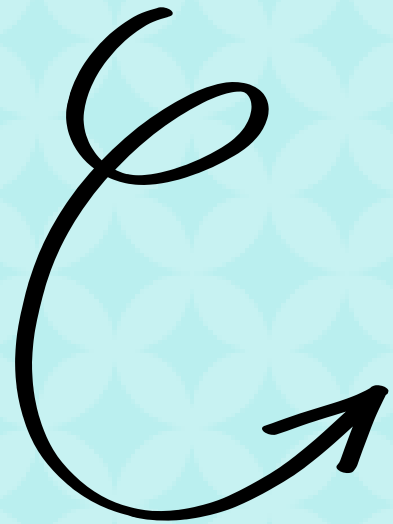
Going from boring to brilliant:

Tips for an effective & engaging talk

01

Before you start

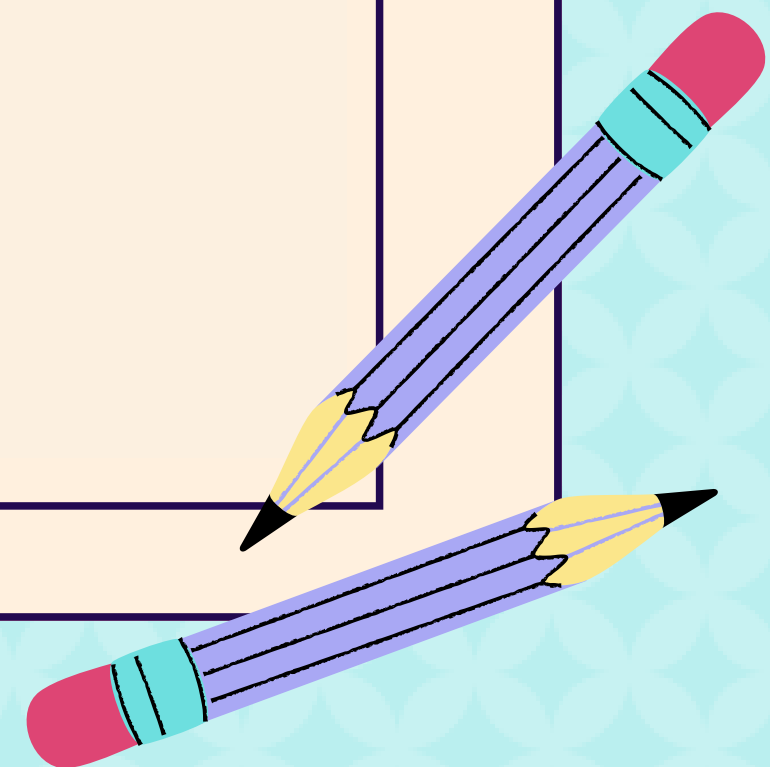
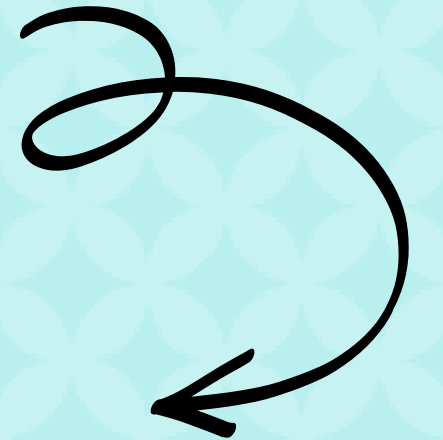
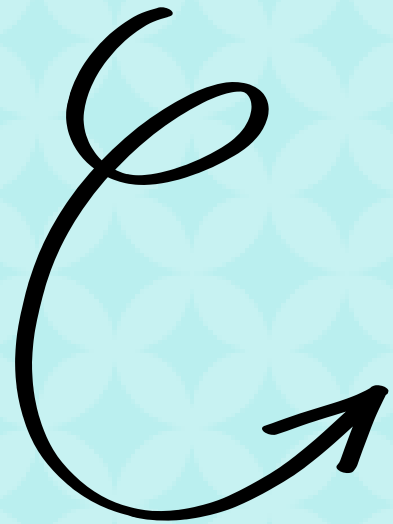
- Who is your audience?
- What is the goal of your talk?
- How long do you have to talk?
- What are the main message(s) you want to convey ?



02

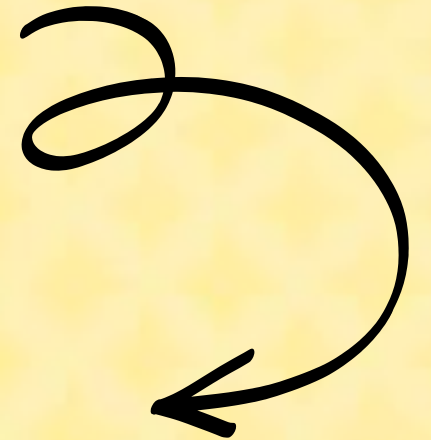
The Essentials

- Title slide
- Background/Introduction
- Methods
- Results
- Discussion
- Acknowledgements



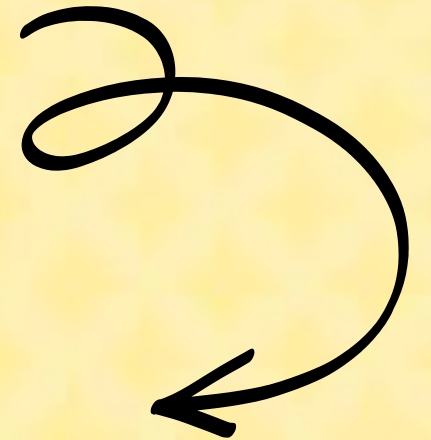
Title Slide

- Talk title (duh!)
- Your name & co-authors names
- Institute details
- An attention-grabbing visual
- Your email address (optional)
- Institute or funding logos (optional)
- Social media handles (optional)



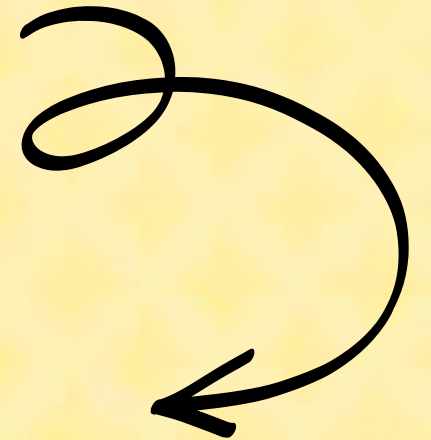
Overview of talk

- Tells the audience what to expect from your talk
- Provides the logical structure
- DON'T INCLUDE THIS FOR SHORT TALKS (<20 mins)



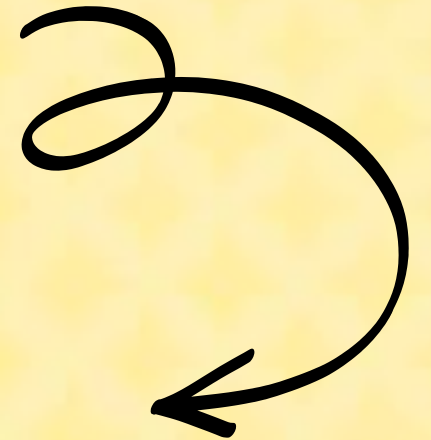
Background

- Sets the scene
- Gives essential background needed to understand your research
- Start broad and then narrow down
- Relevant previous research that came before
- Why is your research interesting/important?
- Your aims/objectives/hypotheses (if appropriate)



Methods

- Study design
- Where did the study take place & why?
- What groups were studied & why?
- What instruments or techniques used?
- Photos or diagrams!

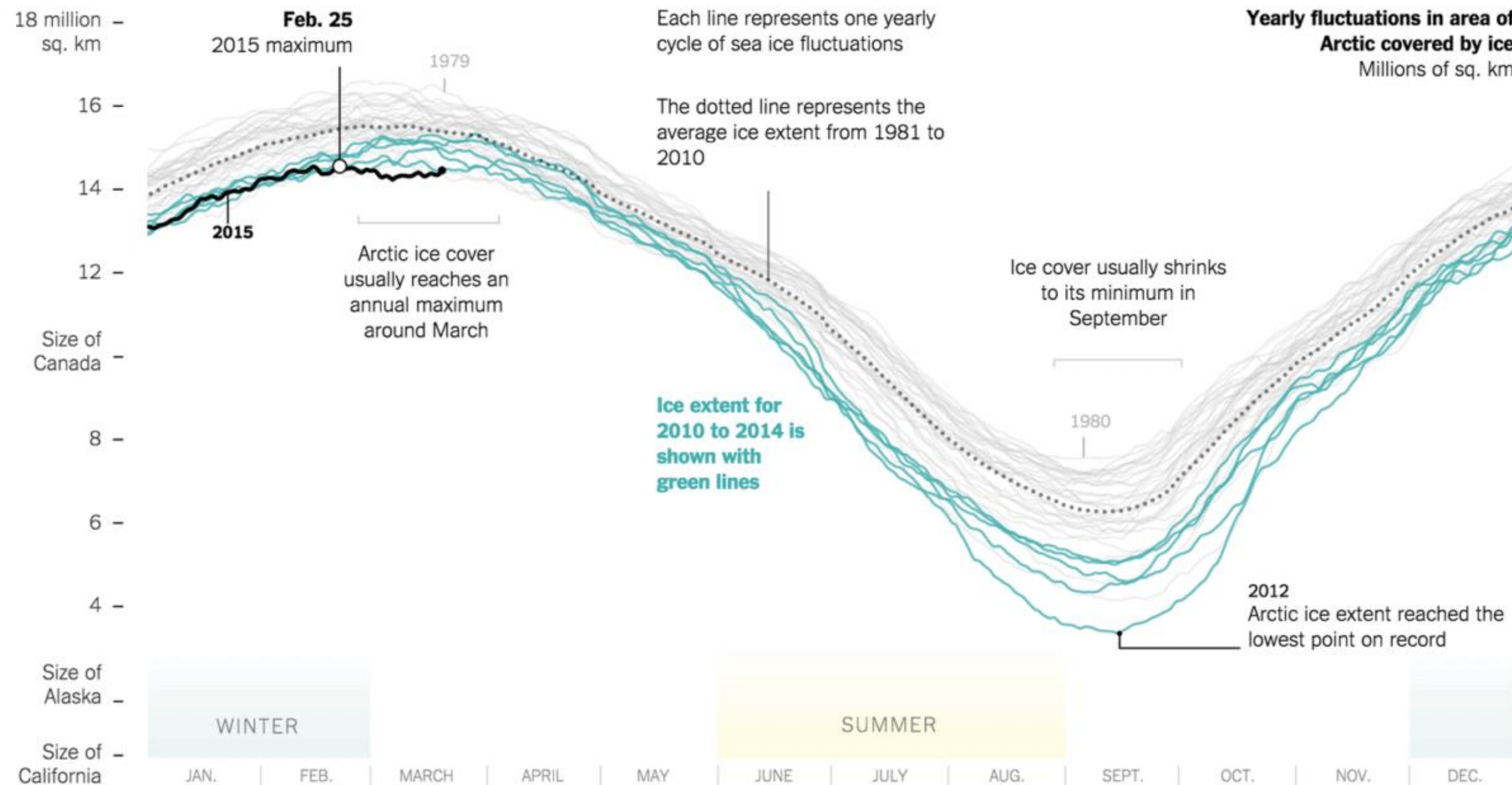


Results

- Focus on just the main (most important) findings
- Include figures & tables
- Make the axes easily readable! Make them BIG!
- Step your audience through graphs & tables



Annotating data visualisations



New York Times 2015

<https://blog.datawrapper.de/text-in-data-visualizations/>

Create titles that work as headlines

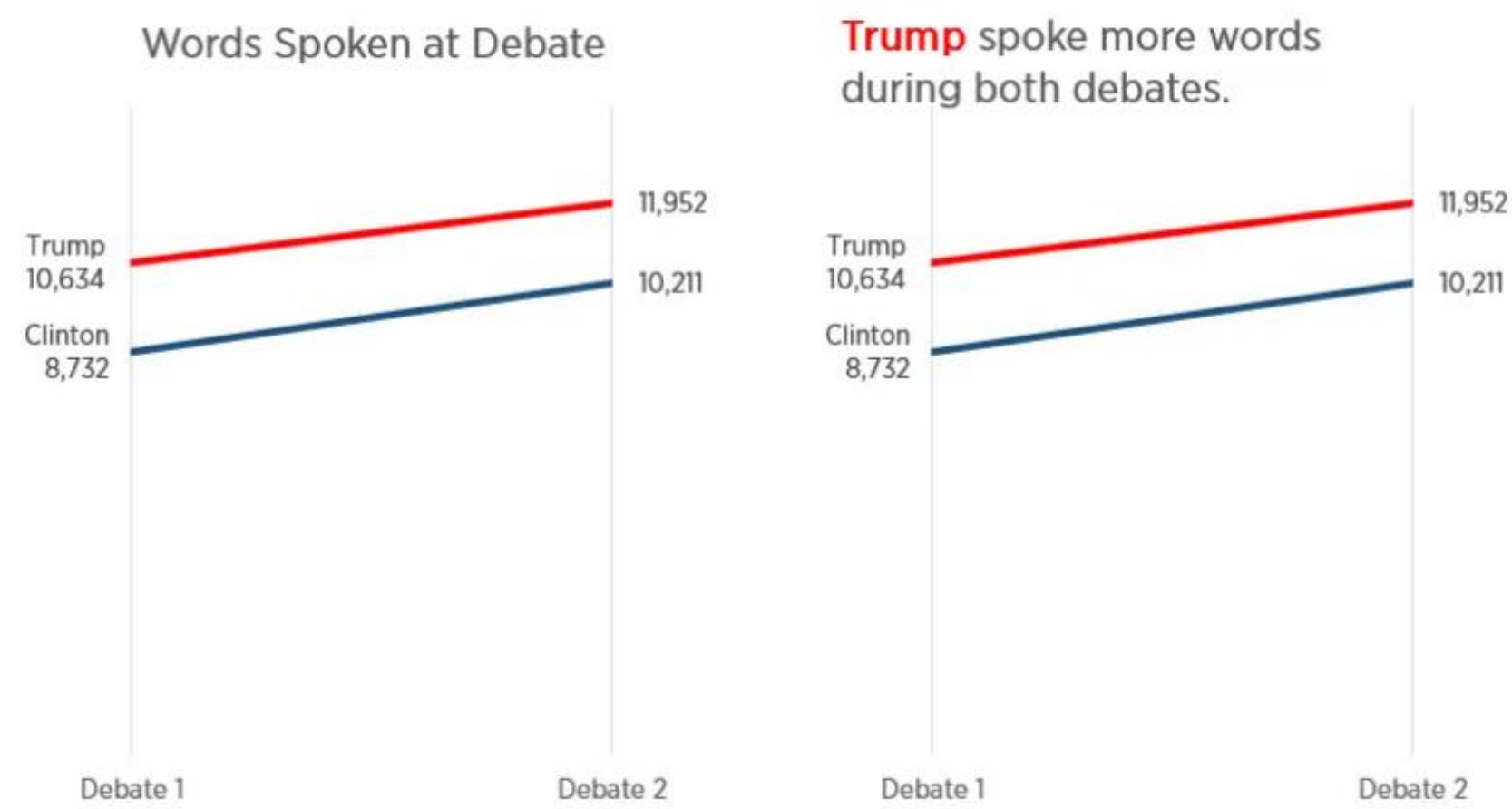
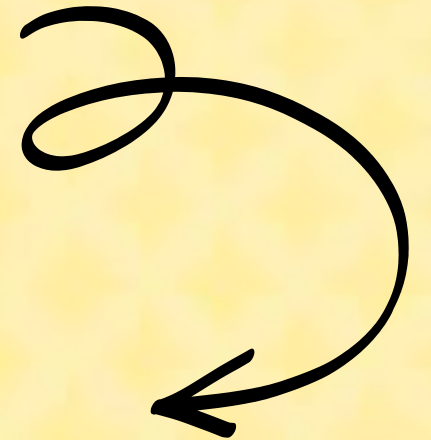


Table 2. Informative titles were perceived as more aesthetically pleasing than generic titles.

	Effectiveness	Aesthetics	Credibility
Title	1.31	4.28 *	0.17
Generic	1.53 (1.52)	4.95 (1.04)	5.52 (1.13)
Informative	1.36 (1.73)	5.21 (0.99)	5.58 (1.15)
Graph	2.12	4.53*	6.47*
Simple	1.34 (1.75)	5.22 (0.89)	5.73 (0.98)
Complex	1.55 (1.49)	4.95 (1.12)	5.38 (1.26)

Discussion

- AKA Significance/Summary/Conclusions – call it what you want
- Relate your findings back to your aim/objectives
- Place your work into context/broader significance
- Explain what's next (optional)



Acknowledgments

Thank you to your:

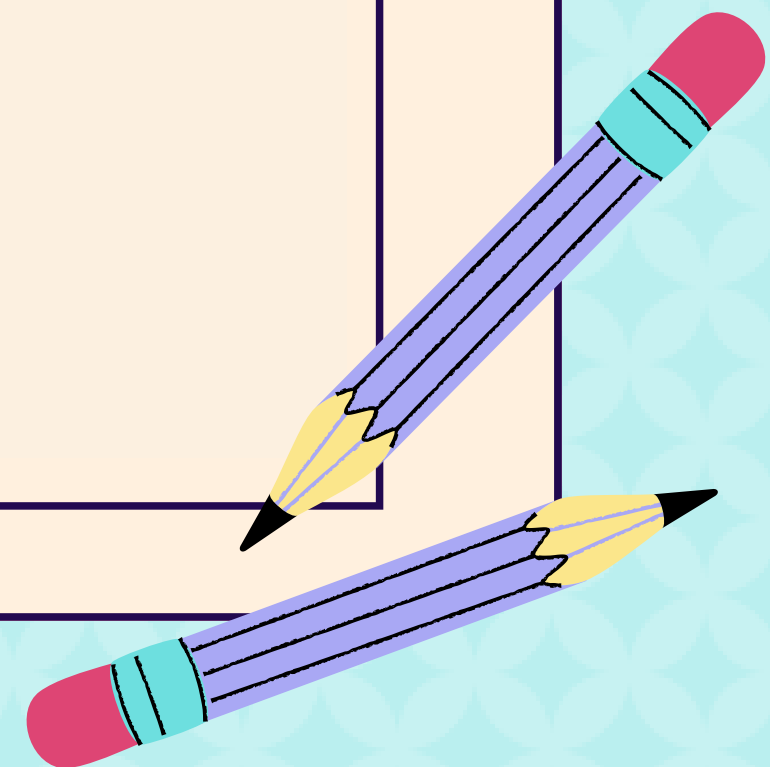
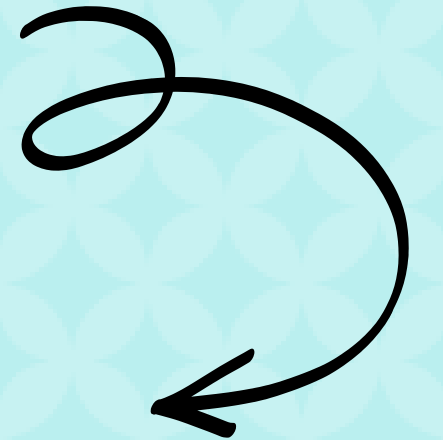
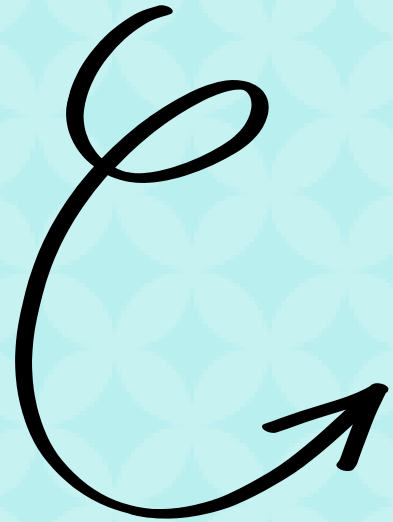
- Co-authors
- Contributors such as technical help, volunteers, field assistants, statistics advice, whaanau
- Funding support (e.g. scholarships, grants, travel)
- Maybe include logos here



03

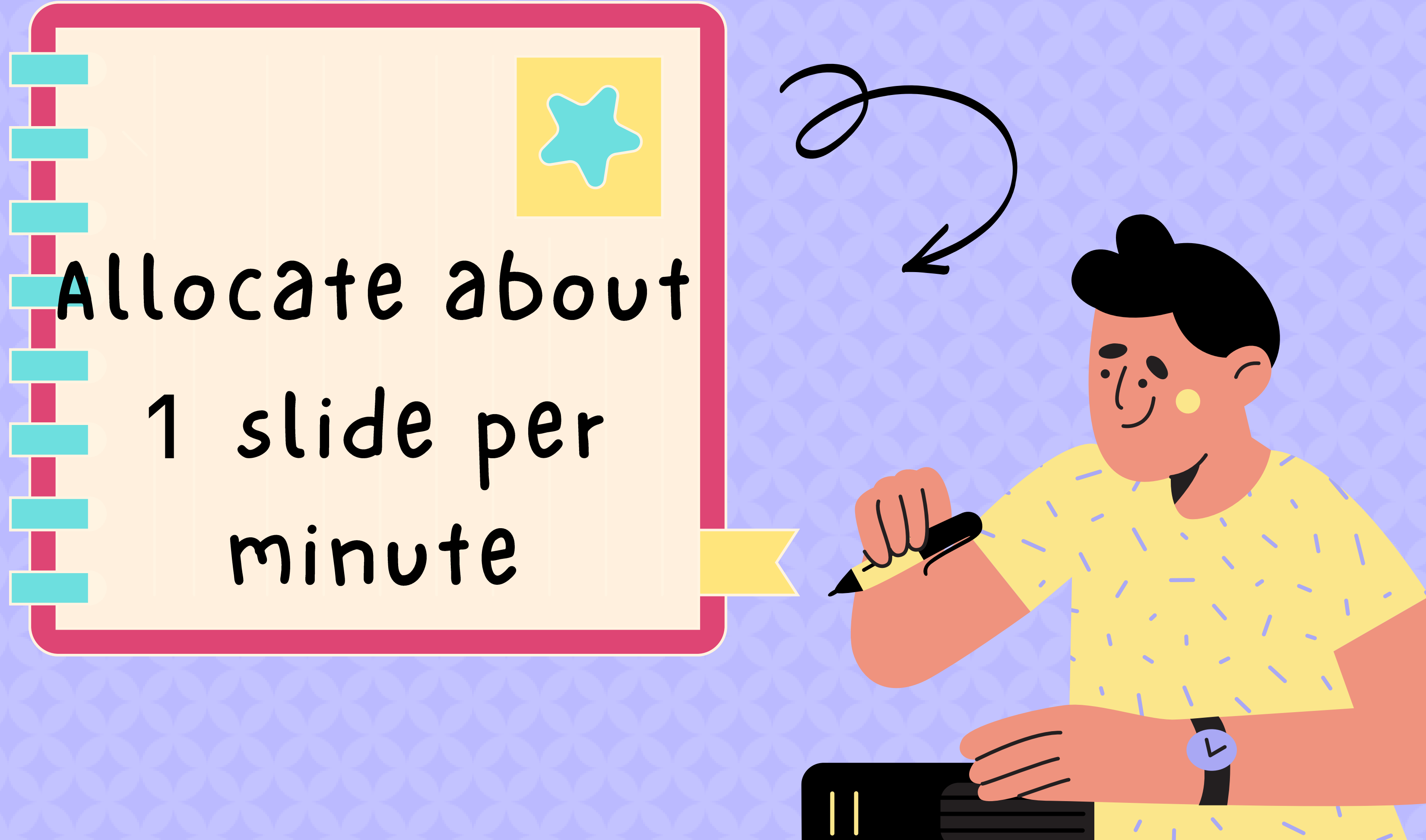
From Boring to Brilliant!

A bunch of tips to make your talks great!

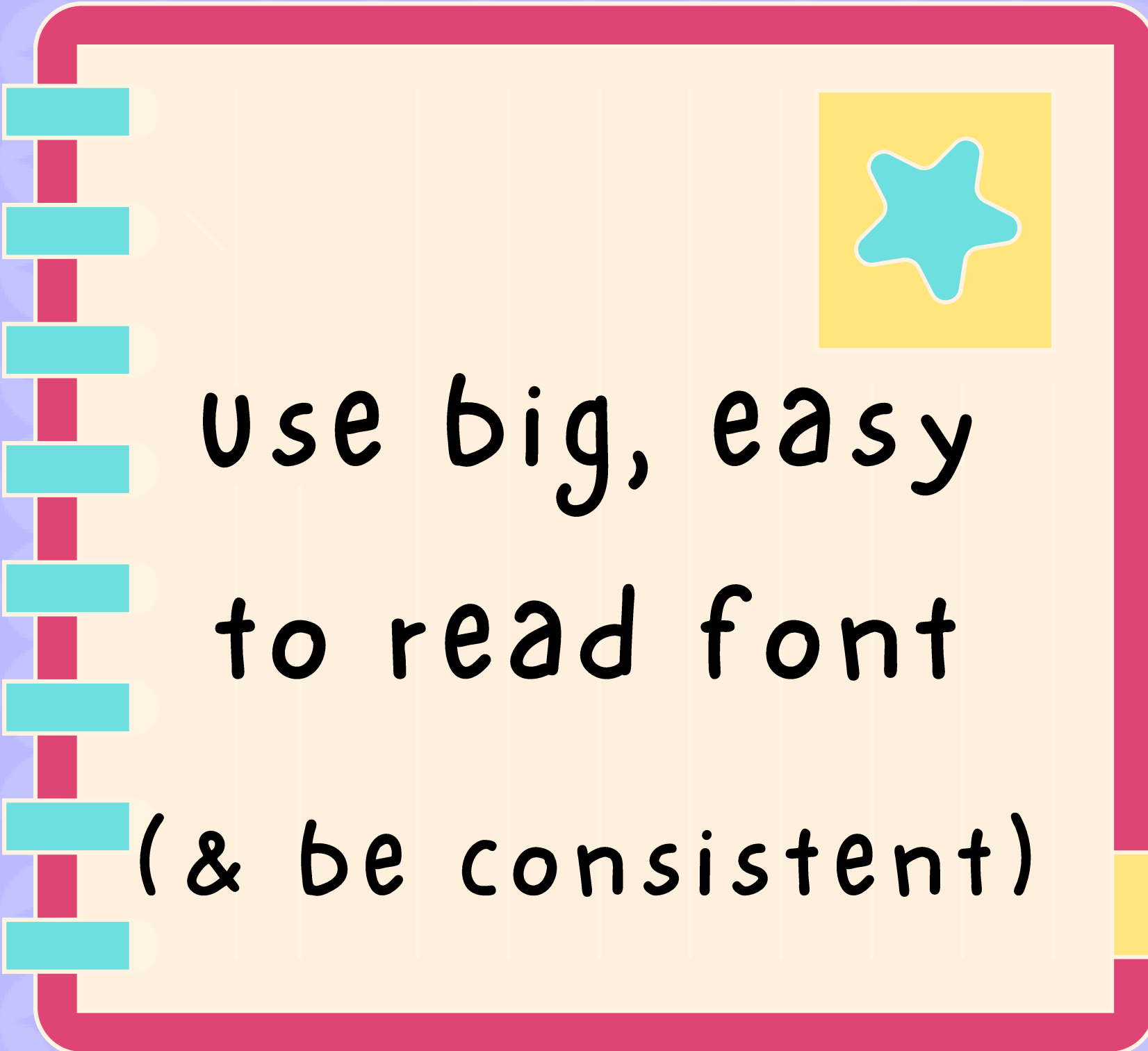




tell a story
(and, but,
therefore)



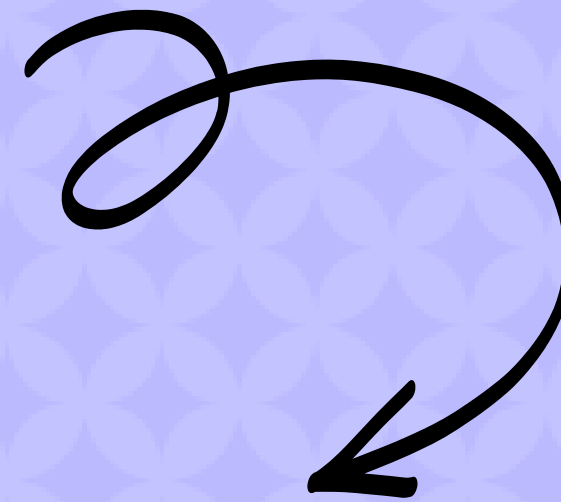
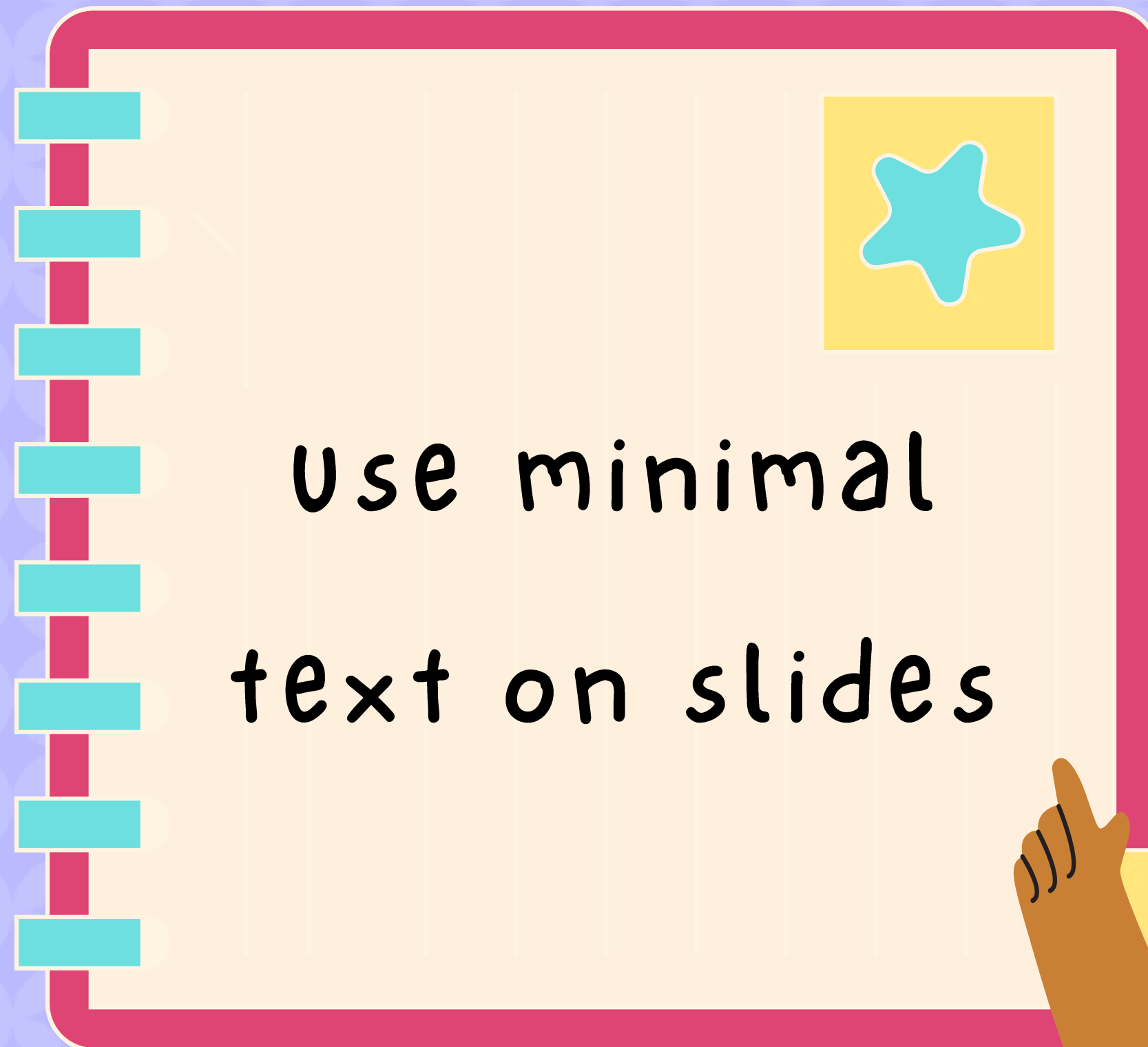
Allocate about
1 slide per
minute



use big, easy
to read font
(& be consistent)

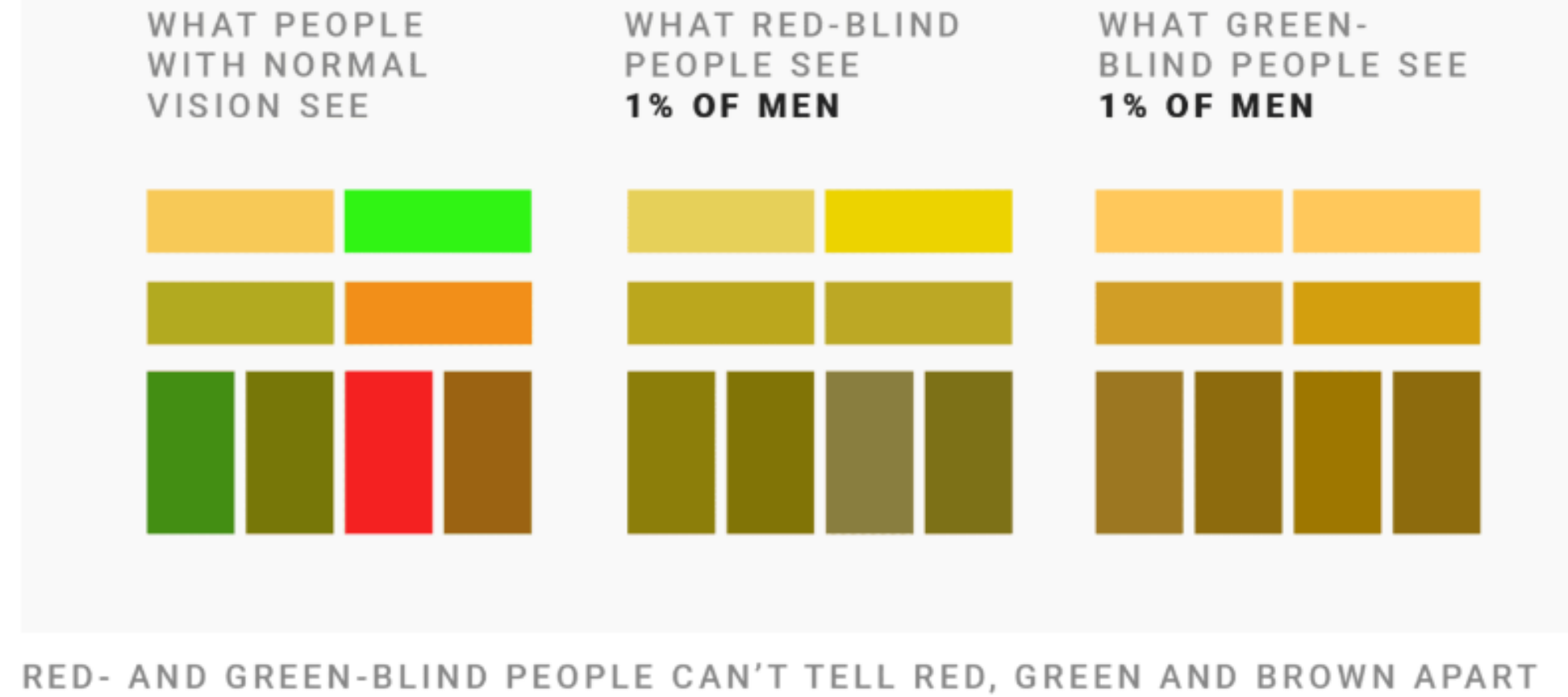


Help with pairing fonts here:
<https://www.fontpair.co/all>





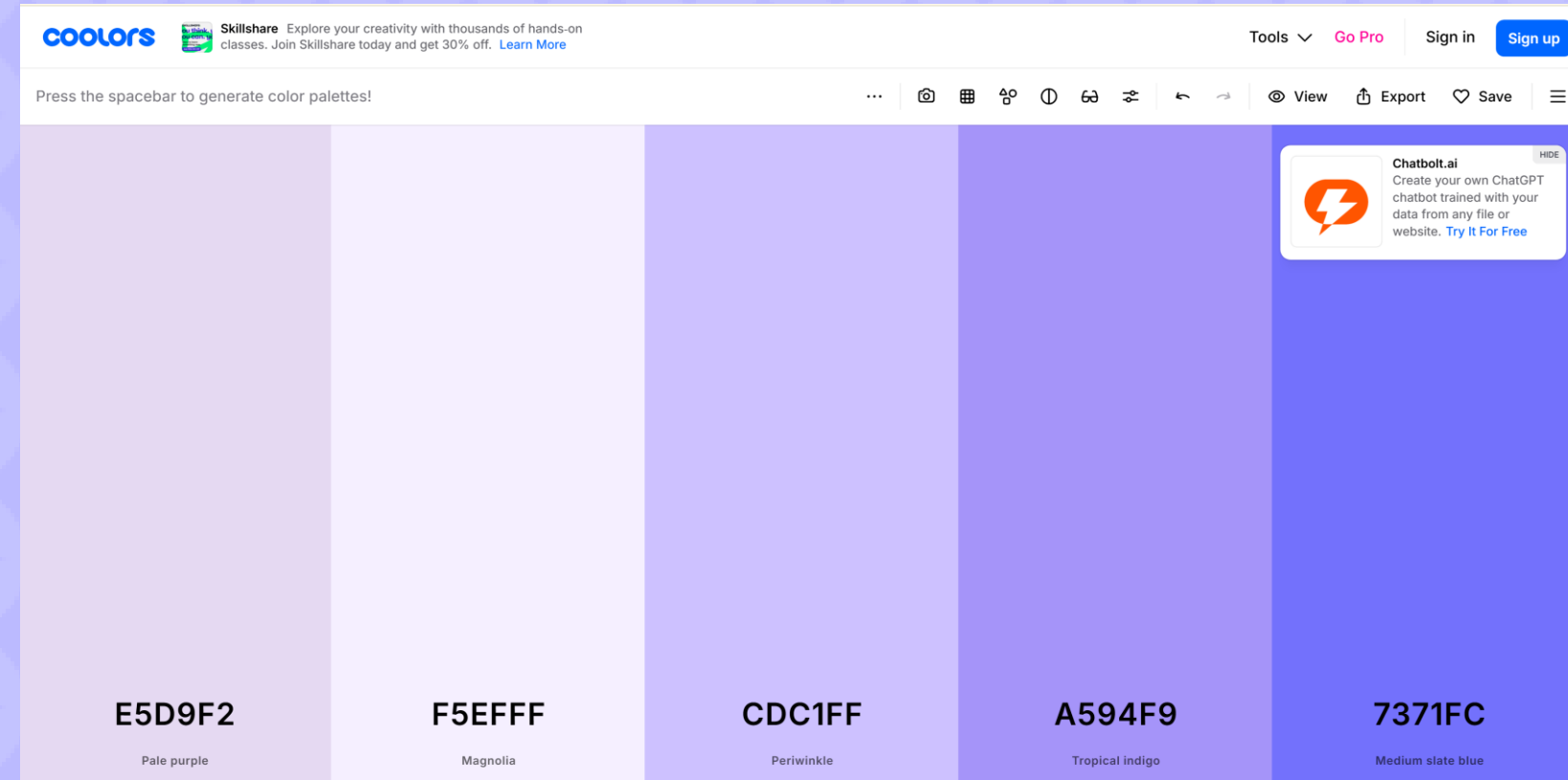
Avoid red/green
colour combos



Try running your presentation
through a colour blind simulator like
CoBlis or Colour Oracle

Consider using
a colour
palette tool

Coolers



Adobe colour

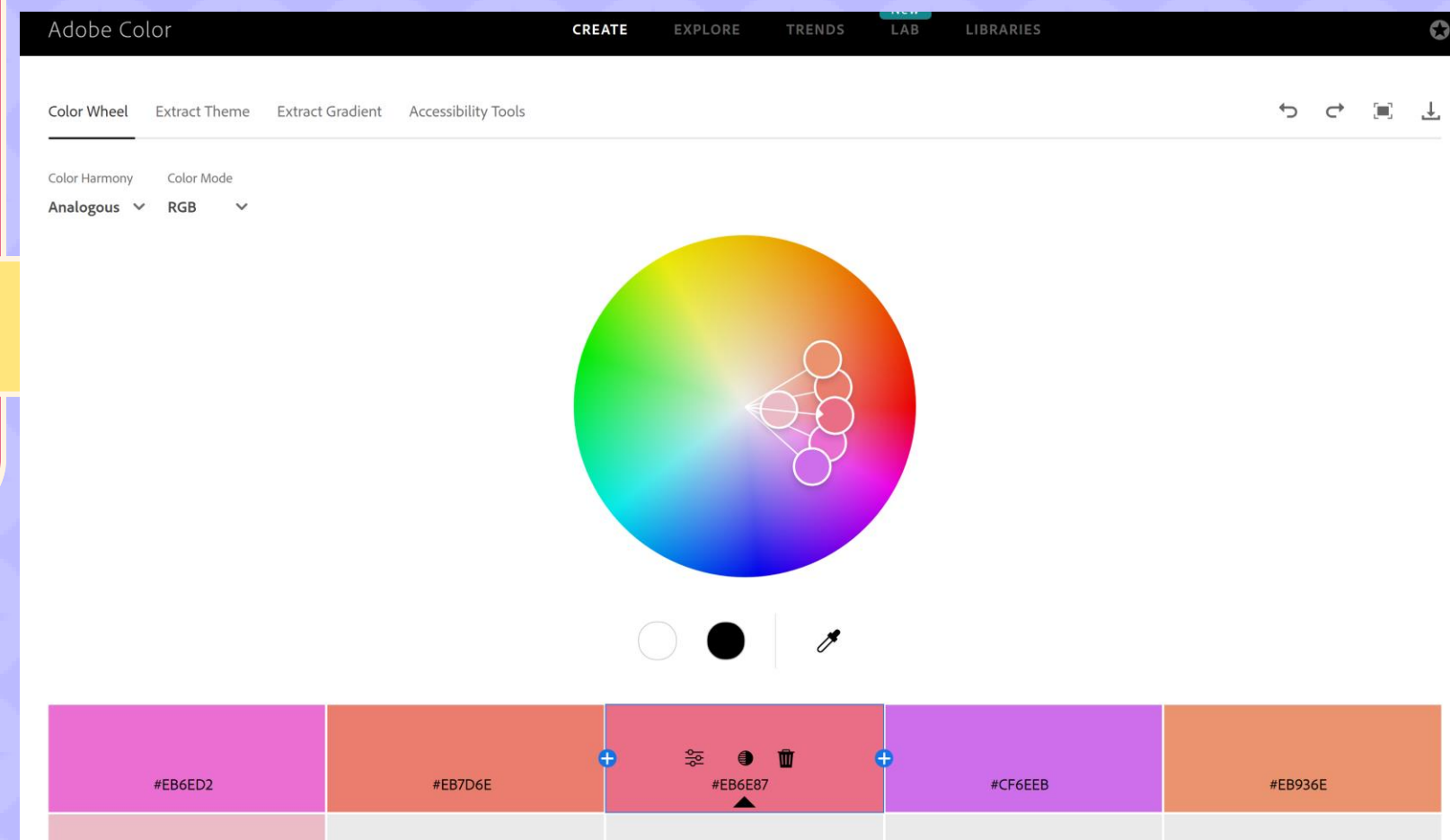


Image picker

Picked palettes



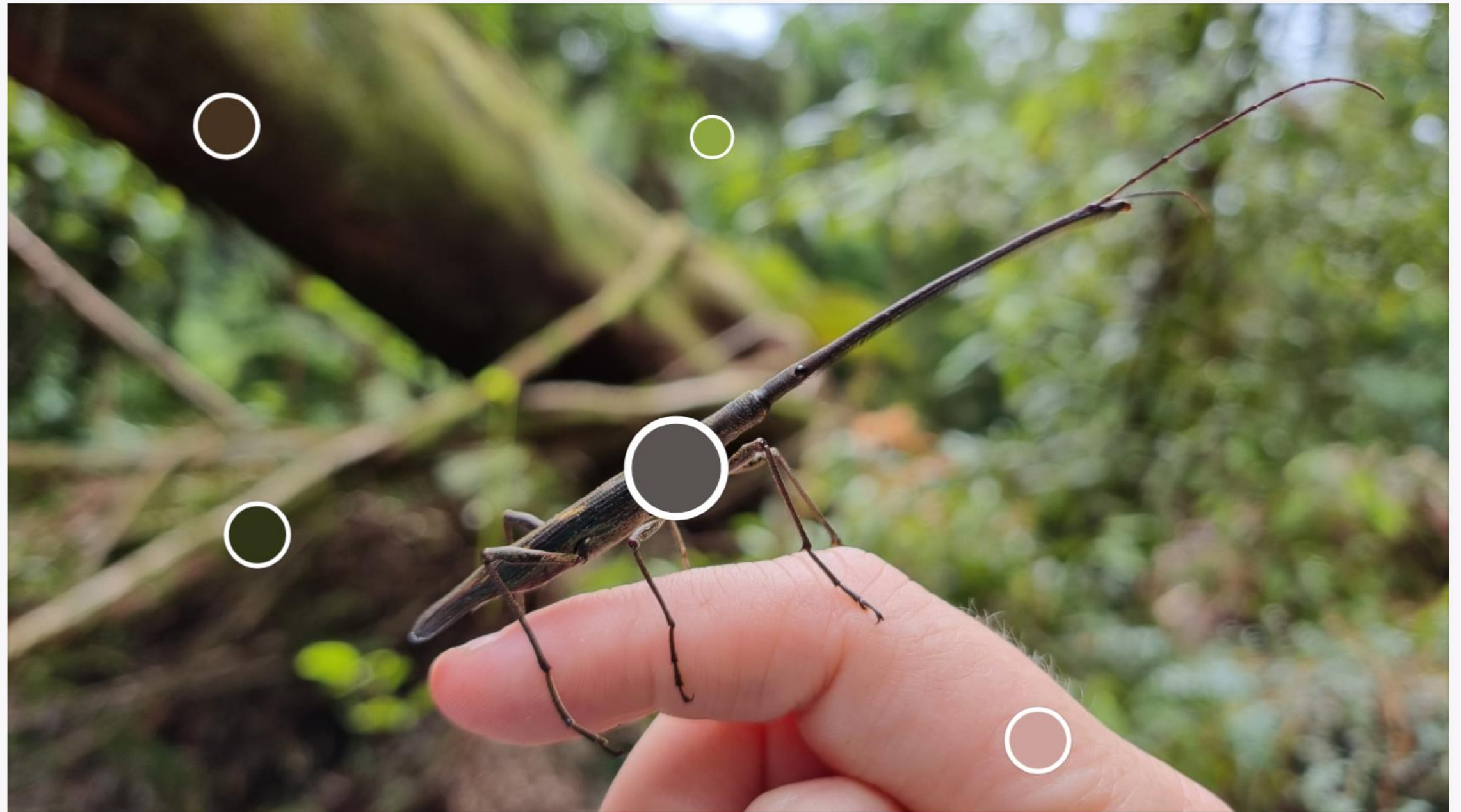
Palette



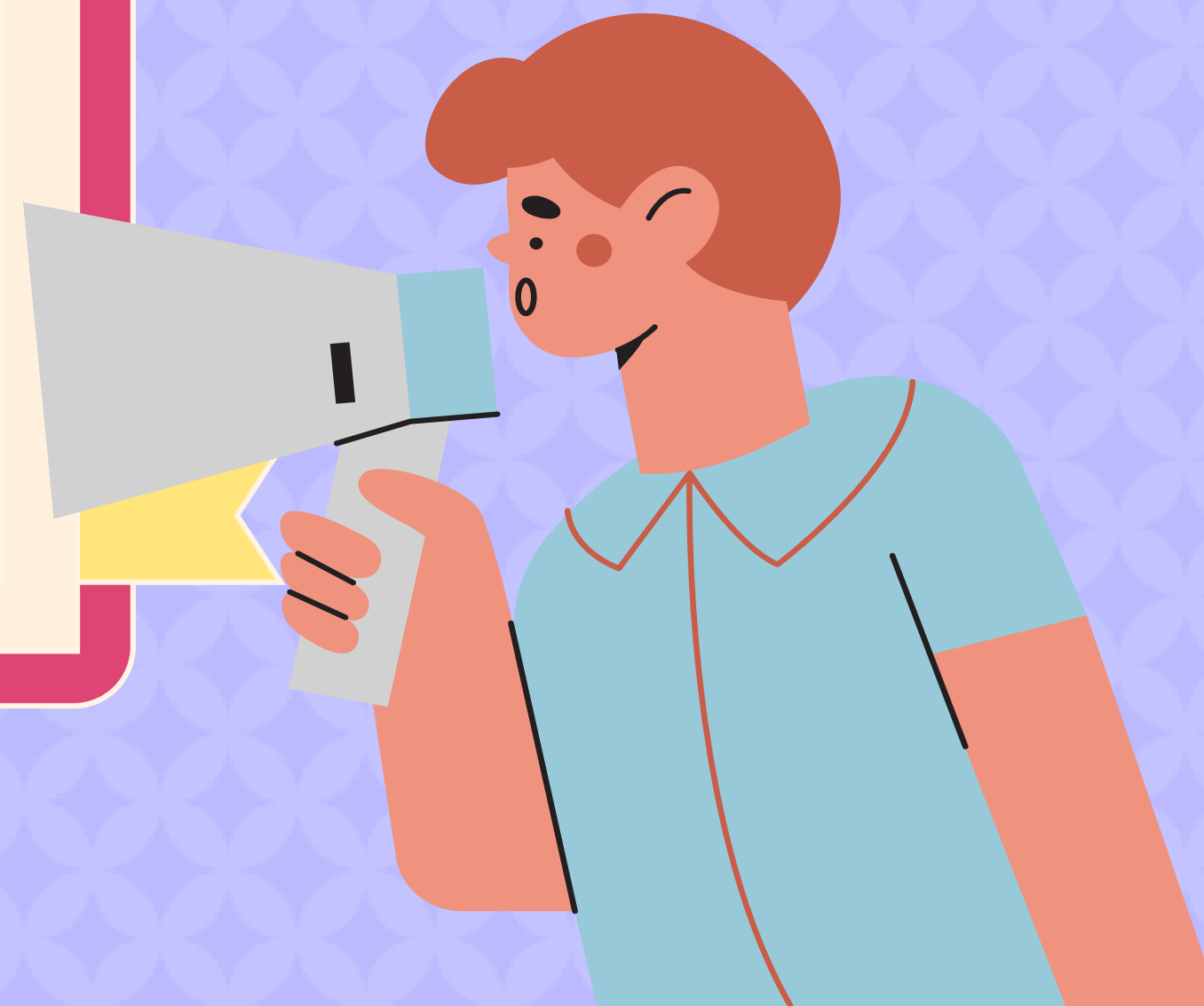
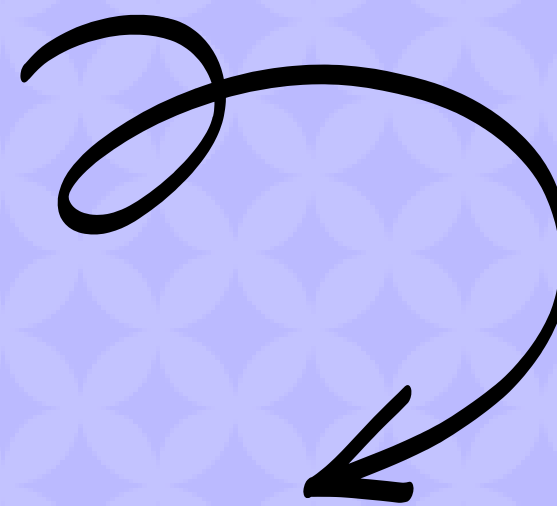
Browse image



Export palette



use animations
wisely
(or not at all)
e.g. flying objects





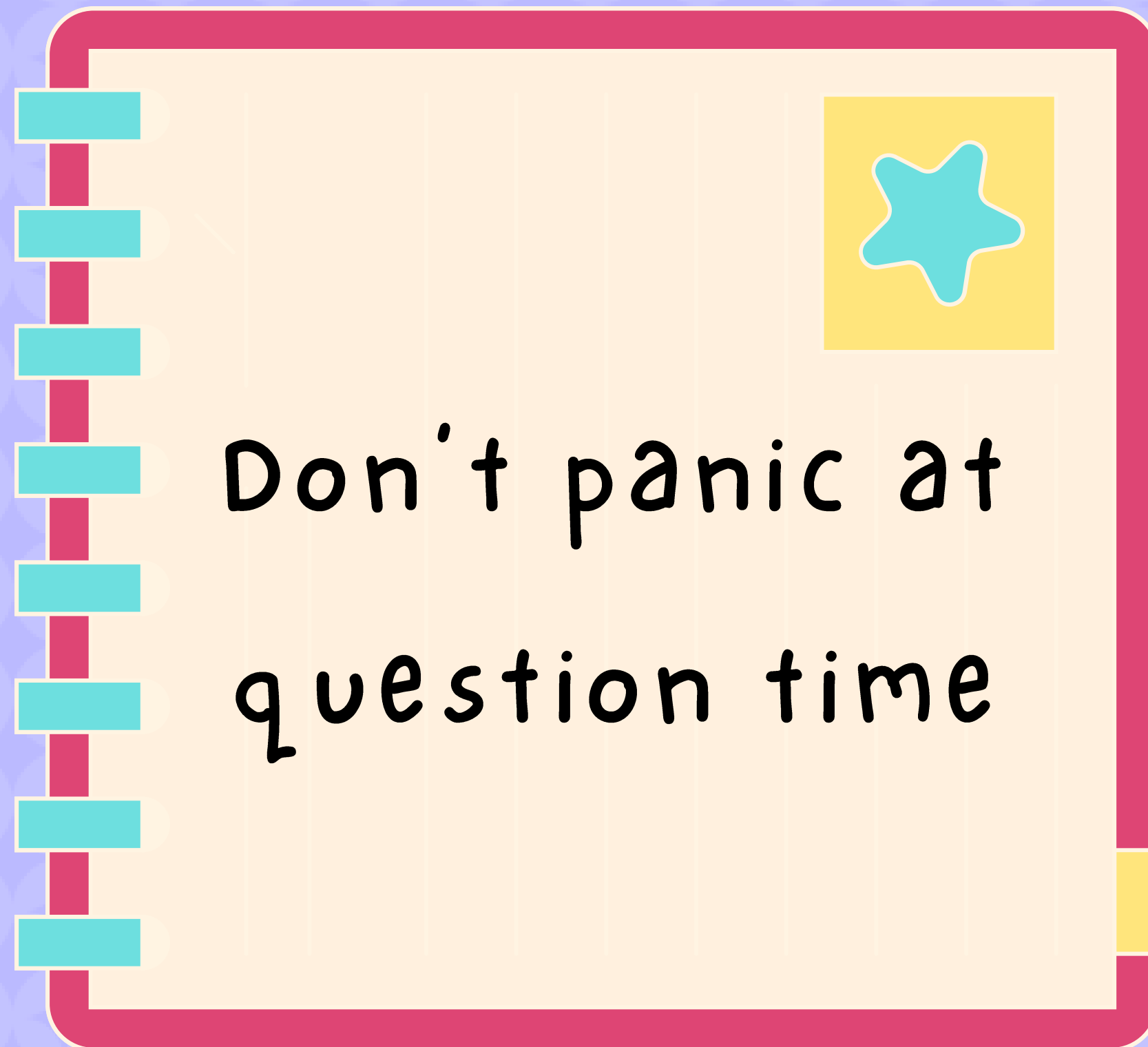
Slow down, speak
clearly, use eye
contact, be yourself

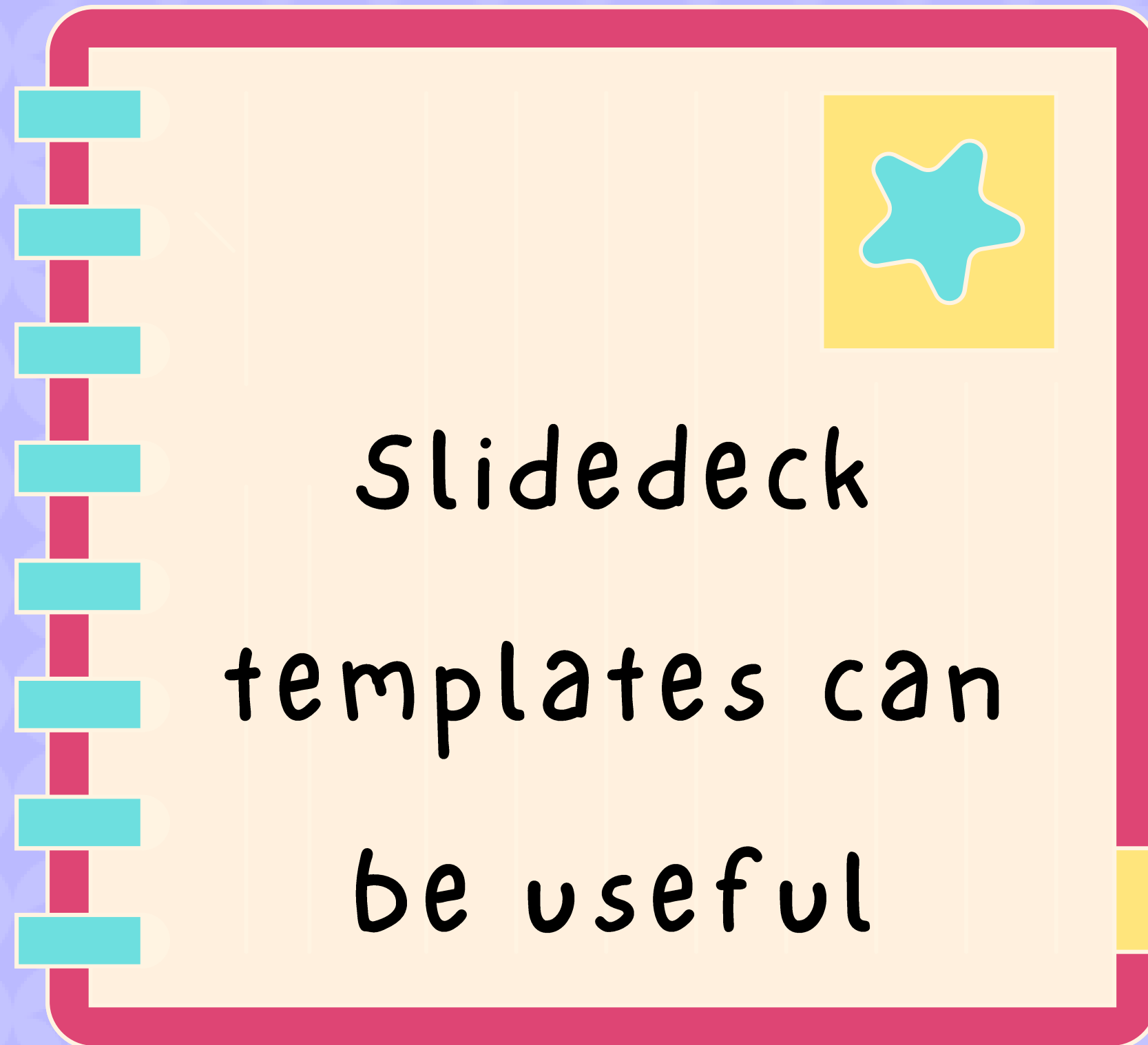




Practice, practice,
practice (& respect
the time limit!)







You can find them at:

Canva
SlidesCarnival
Slidesgo

Say thanks & invite
questions

Any
questions?

<http://chrissiepainting.com>



@cpaintinNZ.bsky.social

Your website, email,
socials?

