

# Teaching a lab section

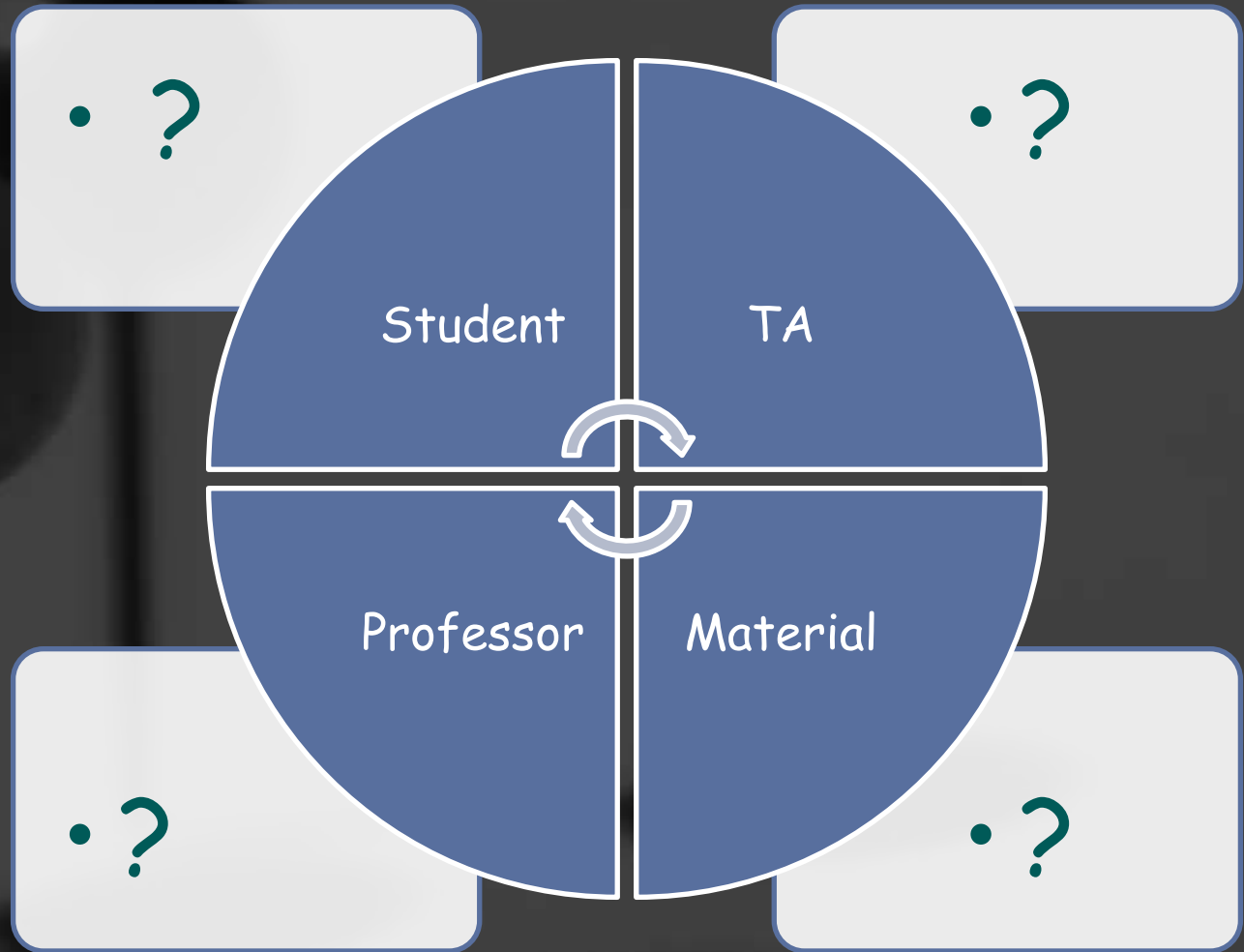
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Erin Foster, Jeff Spraggins

# Working with students

Activity: How to make a butterfly



# Positive Laboratory Environment





Developing our idea of a positive laboratory environment

# CONCEPT MAPPING

# Concept Mapping

## Brainstorming

Concepts

Linking Words

Examples

Singular Ideas

Boxed

Cross linkages

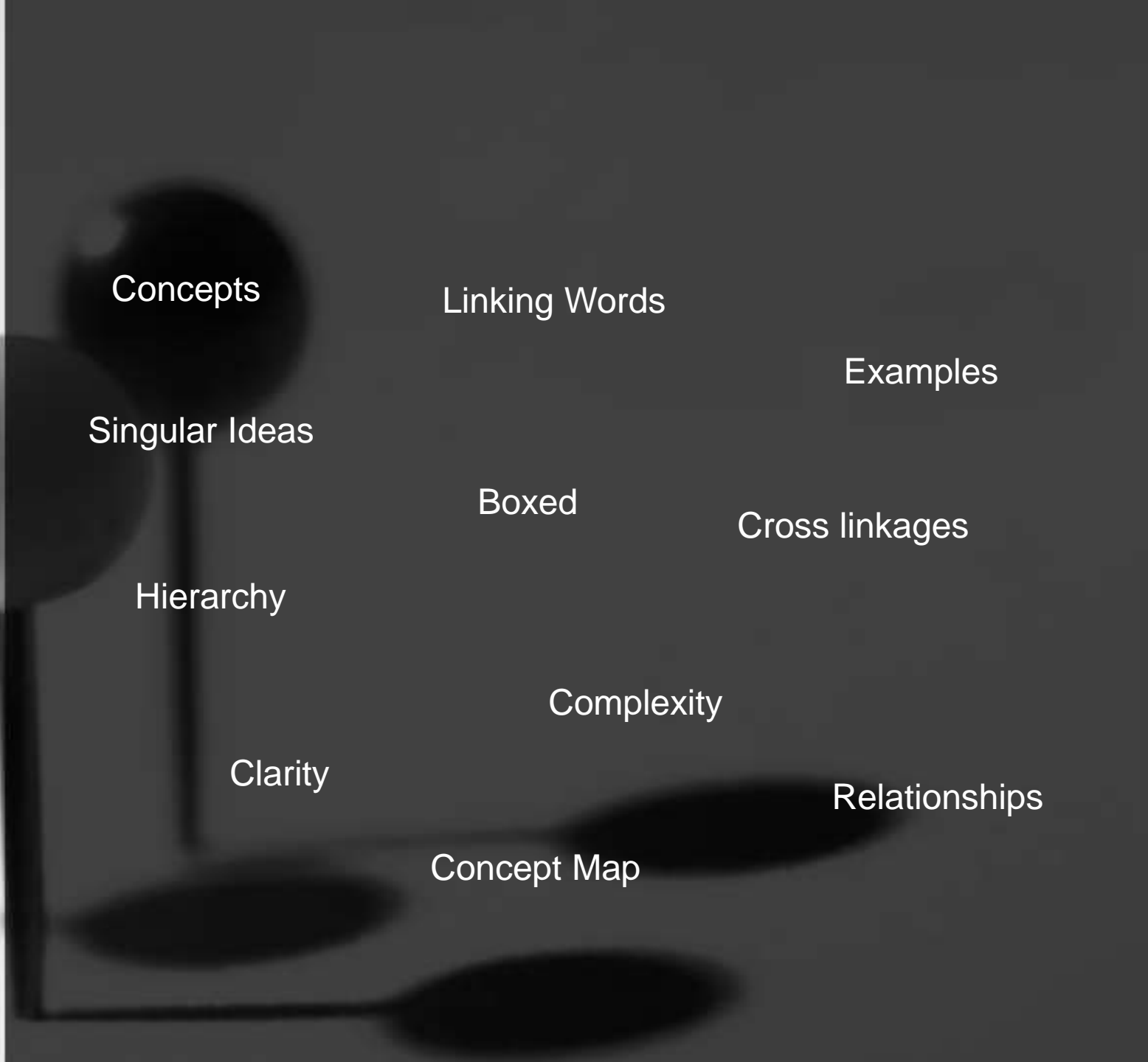
Hierarchy

Complexity

Clarity

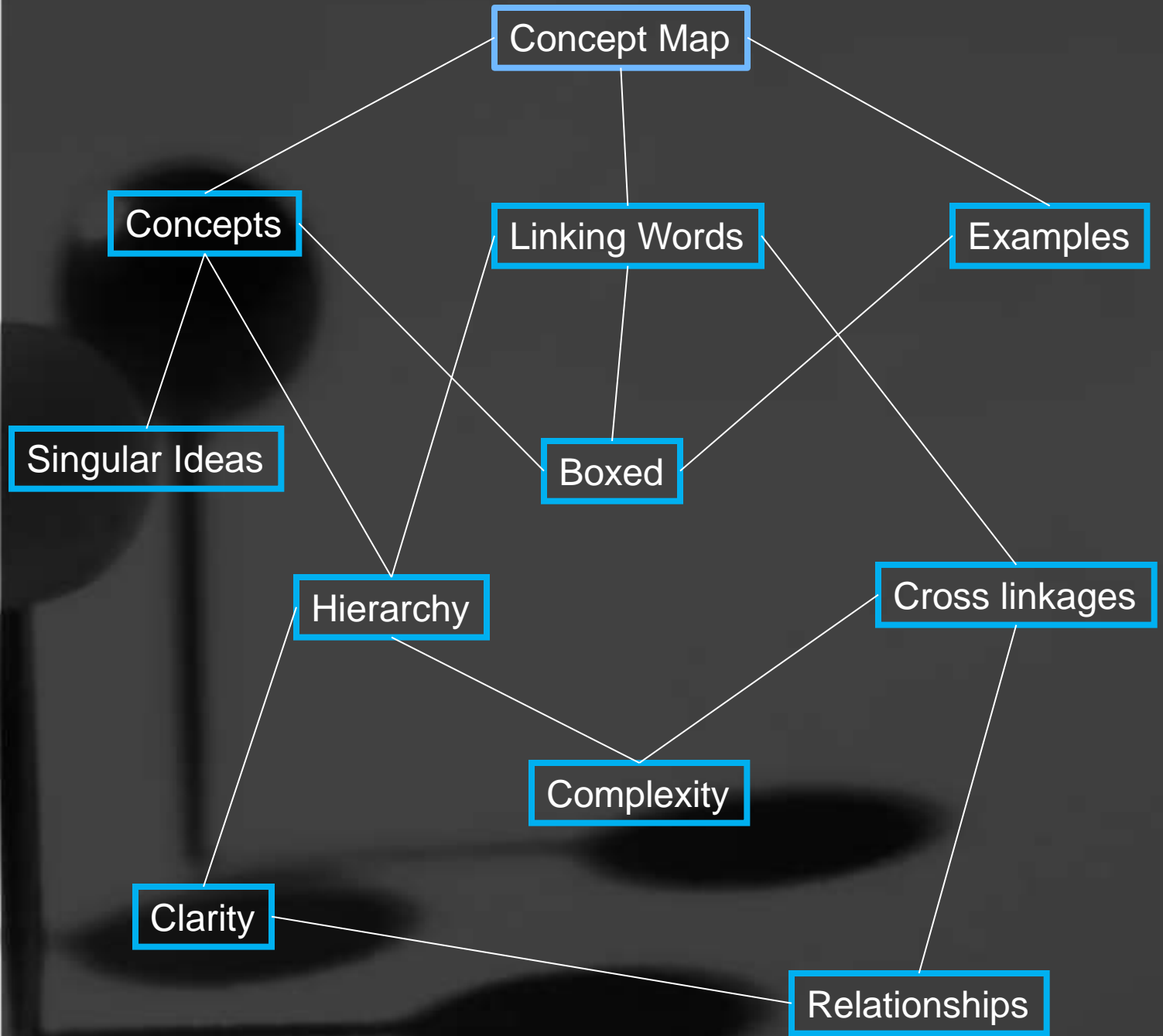
Relationships

Concept Map



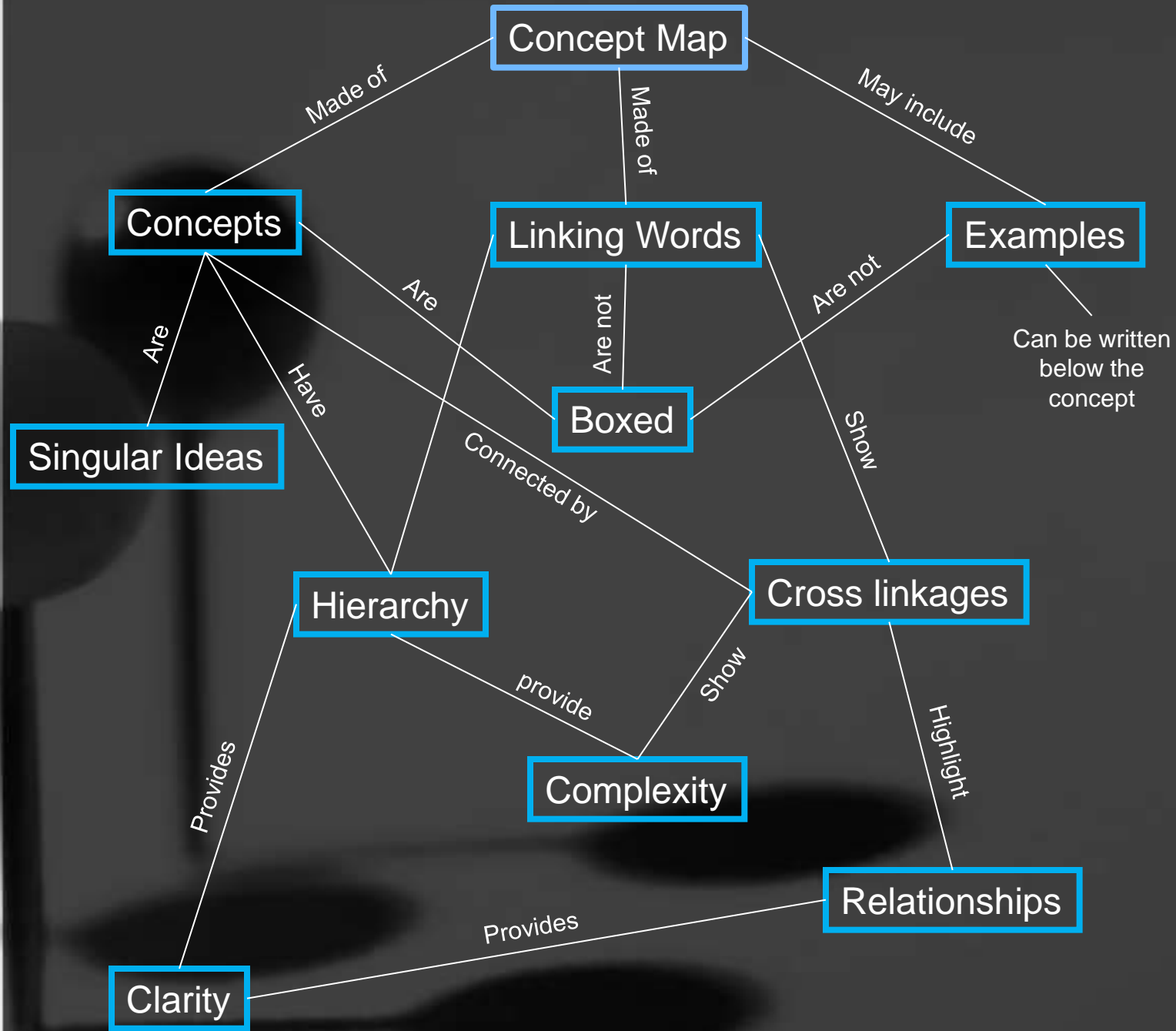
# Concept Mapping

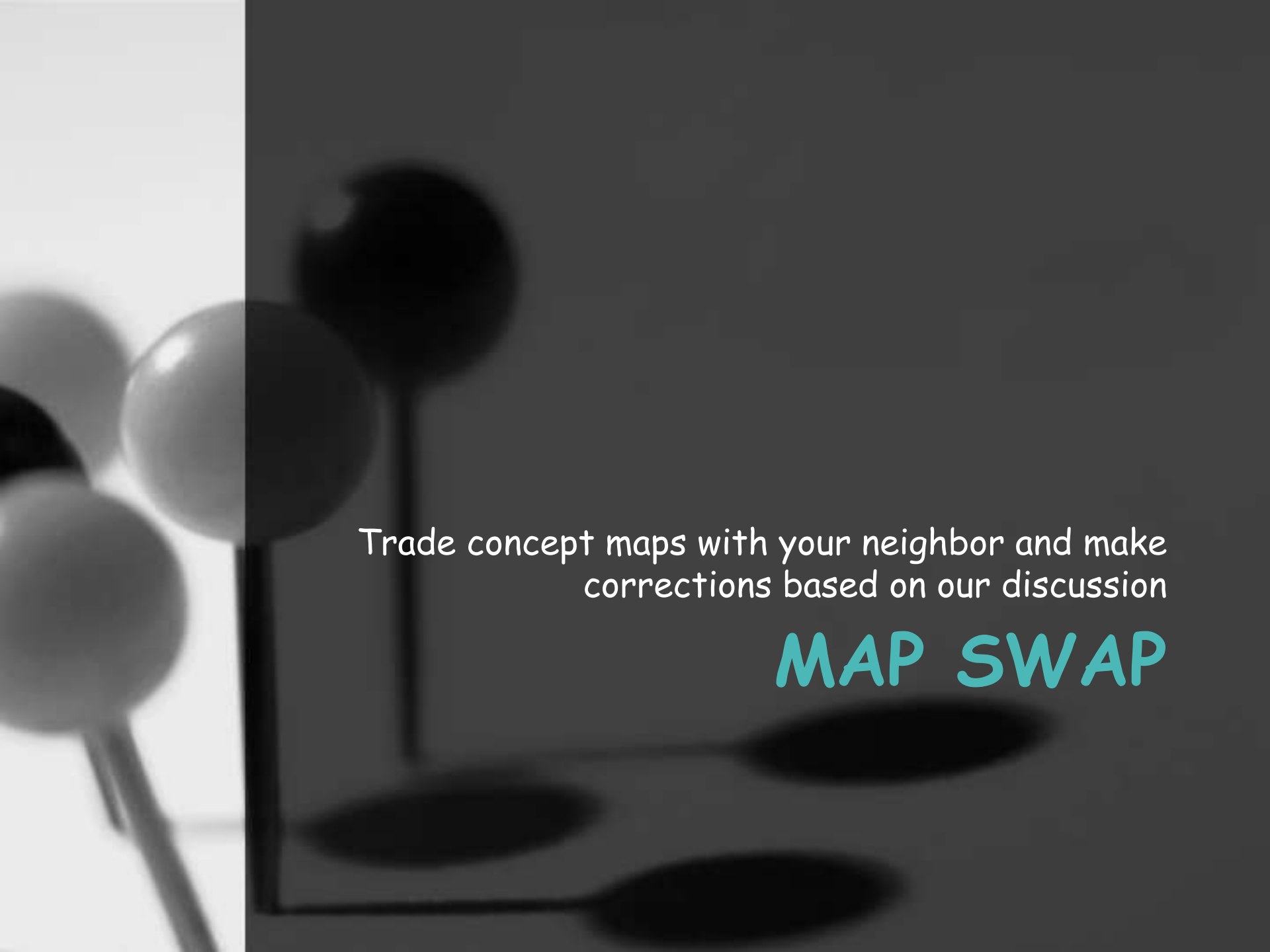
## Organizing Concepts



# Concept Mapping

## Connectivity





Trade concept maps with your neighbor and make  
corrections based on our discussion

**MAP SWAP**



# International Students

- Language Problem - You can overcome it!
- Feeling Intimidated
- Favoritism - A big no no!
- Office hours and emails - Helps you express
- Being prepared - Style of teaching
- Understanding the U.S. culture



# Pre-lab Activities

- Biology
- Plant and Animal Sciences
- Chemistry
- Physics

# Expectations of a lab TA

- Teach 1-3 lab sections of about 10-20 students
- Provide office hours and individual help
- Write quizzes and/or pre-lab assignments
- Grade quizzes, pre-labs, lab reports, etc.
- Proctor exams
- Attend group meetings

# General Advice

- Be on time
- Know your stuff
- Be available for students
- Don't rush through prep or lab
- Have fun and try to make it fun for students!

# Questions

