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# Brief Review

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# What did we do this morning?



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# Concept Map

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# What is Concept Map?

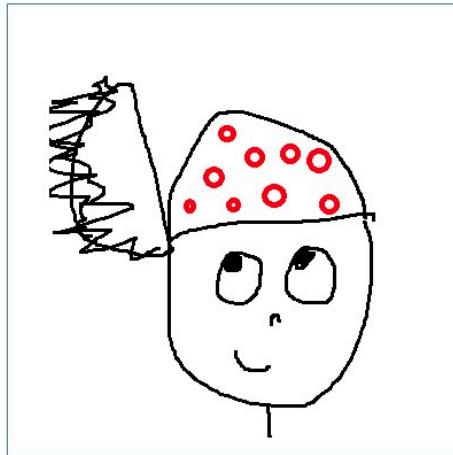
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# How to learn better?

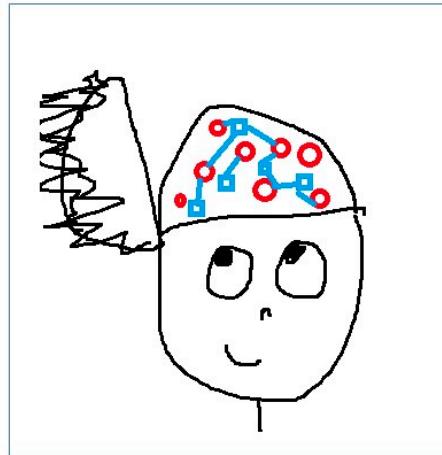
You already know a TON of stuff.

If you can connect the new stuff you learn to the old stuff you already know, chances are you will remember it much better."

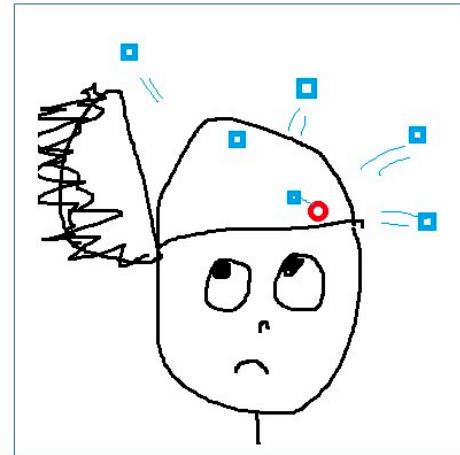
If you just learn new stuff without connecting it to something you already knew before, it will be harder to remember.



Stuff you know.



Connect **new stuff** to the **stuff you already know**.



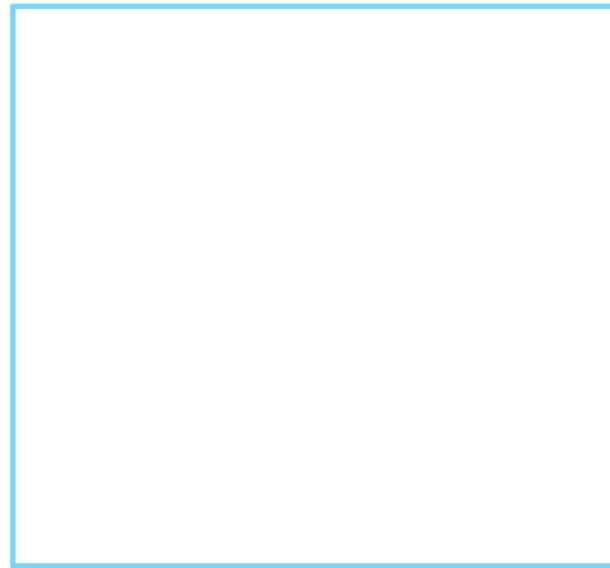
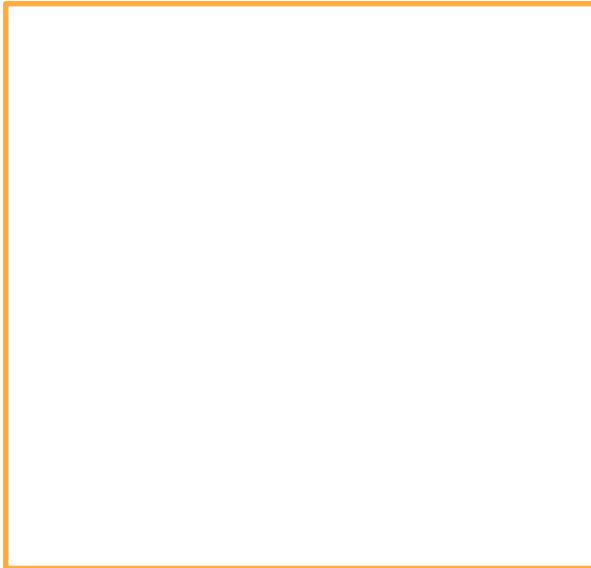
If you don't connect **new knowledge** to **existing knowledge**, you will remember less.

<http://www.cuppacocoa.com/wp-content/uploads/2015/07/retaining-new-knowledge.jpg>

# Have you heard of Concept Map?

Yes

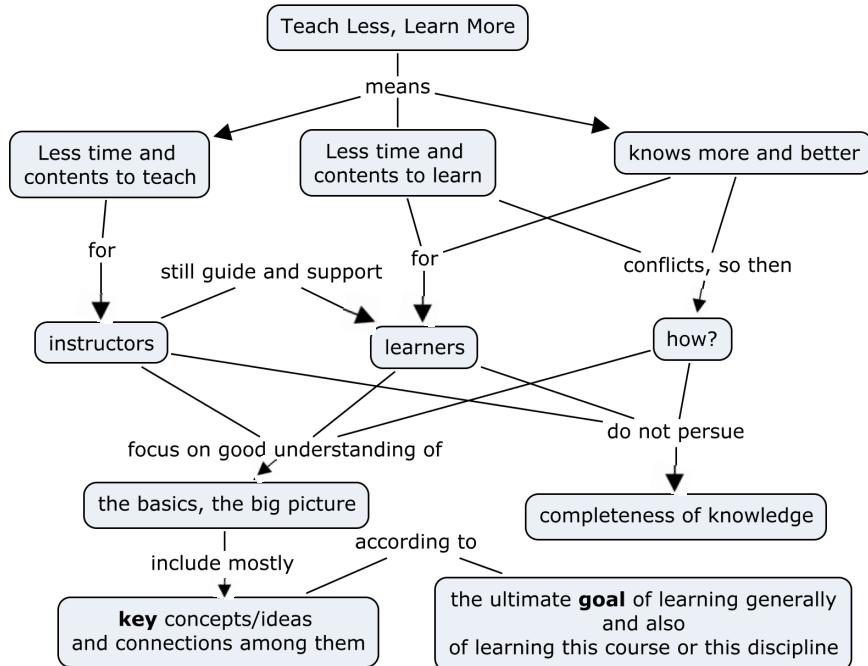
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# What is Concept Map

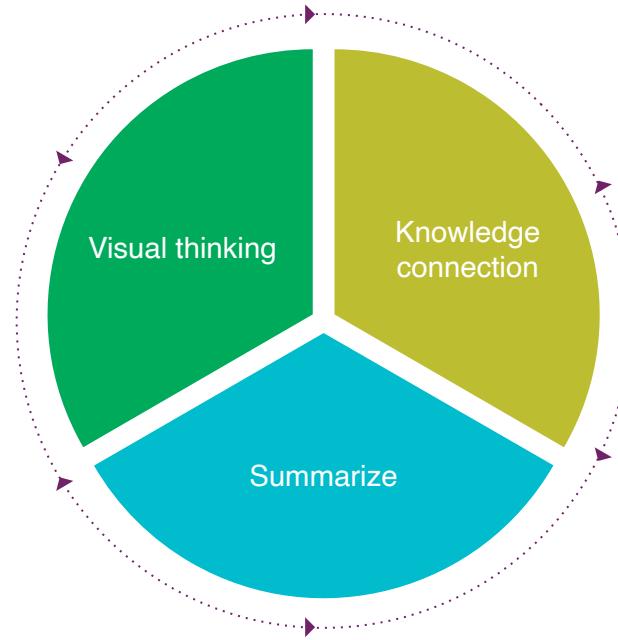
- Concept maps are **graphical tools** for organizing and representing knowledge.
- Concept maps are a tool for representing some of the **concept-propositional** or **meaning frameworks** a person has for a given concept or set of concepts.

Focus Question: What is the "Teach Less, Learn More" system?



# What can I do with the concept map?

- Visual thinking
- Knowledge connection
- Summarize





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# What elements make up a Concept Map?

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# Reading Time

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- Please read the first part of this article (Introduction):  
<https://cmap.ihmc.us/docs/theory-of-concept-maps.php>
- Please take this question with you during the reading:  
What elements make up a Concept Map?
- When finished reading, please tick on the screen.



Timebox 5 Mins

# What elements make up a Concept Map?

# Elements of Concept Map - Concepts

- Concepts

As a perceived regularity in events or objects, or records of **events** or **objects**, designated by a label.

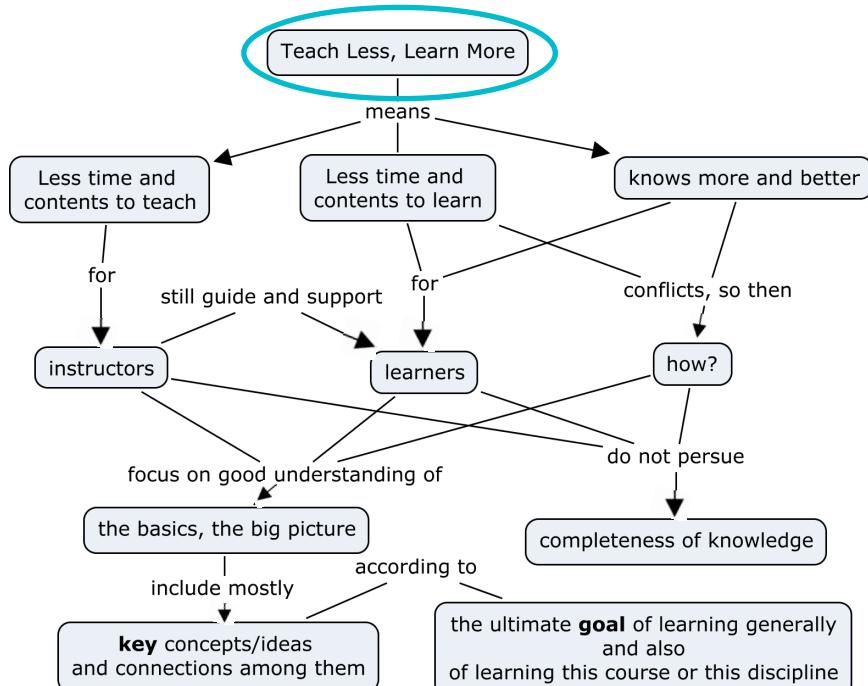
The label for most concepts is **a word**, and sometimes **more than one word** is used.

Example:

Objects as Concepts: dog, boat, tree

Events as Concepts: growth of plants, increase in quality of education

Focus Question: What is the "Teach Less, Learn More" system?



# Elements of Concept Map - Linking Words

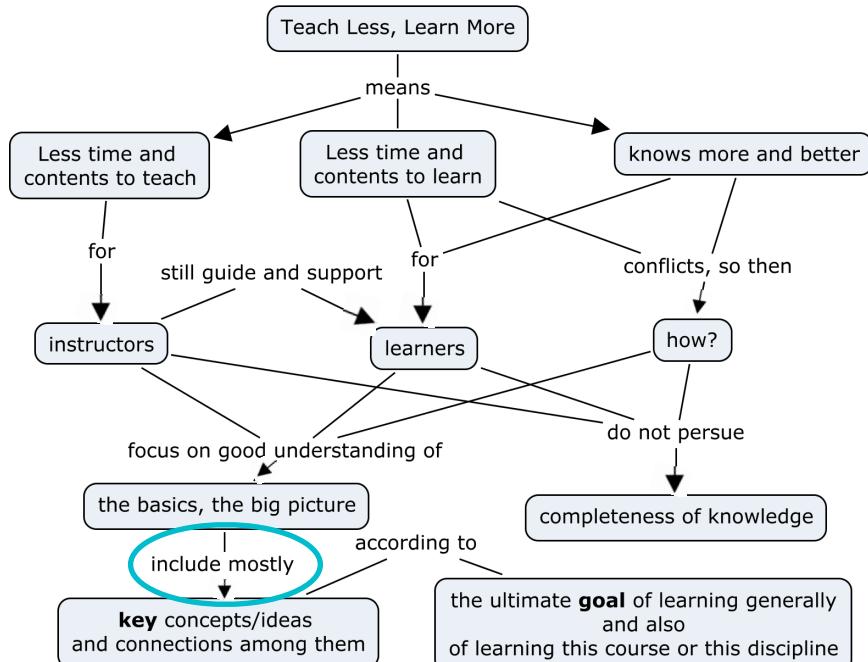
- **Linking words/Connecting line**

The linking words are **the set of words** used to **join concepts to express the relationships** between the (usually) two concepts.

A connecting line linking two concepts **indicates relationship** between concepts.

Example:  
is, includes, is part of, may be

Focus Question: What is the "Teach Less, Learn More" system?



# Elements of Concept Map - Propositions

- **Propositions**

Propositions contain **two or more concepts** connected using **linking words** or phrases to **form a meaningful statement**.

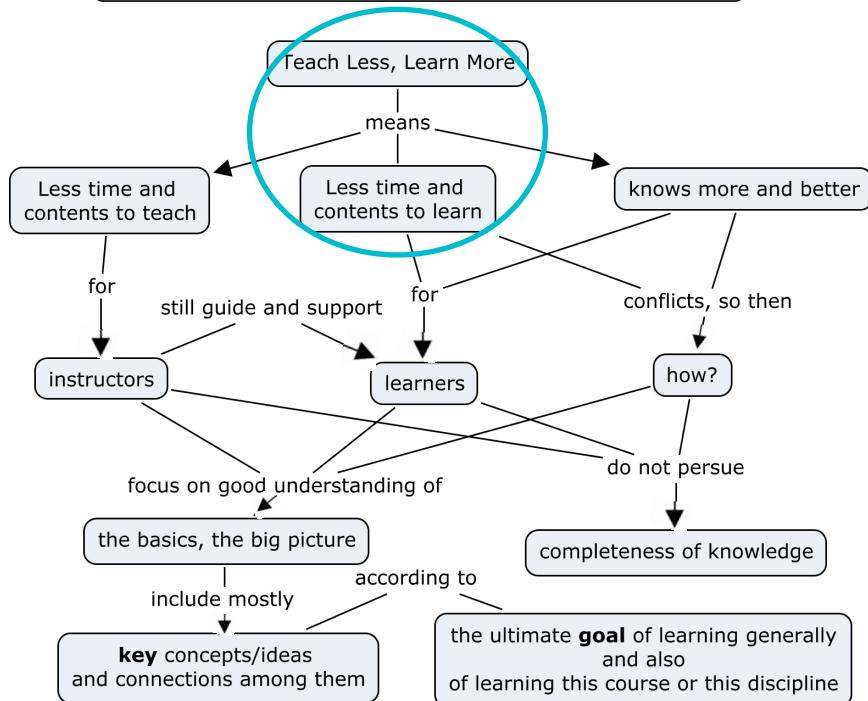
Example:

Birds *have* Hollow Bones

Successful Businesses *create* Wealth

Increase in Rainfall *may cause* Flooding

Focus Question: What is the "Teach Less, Learn More" system?



# Elements of Concept Map - Focus Question

- **Focus Question**

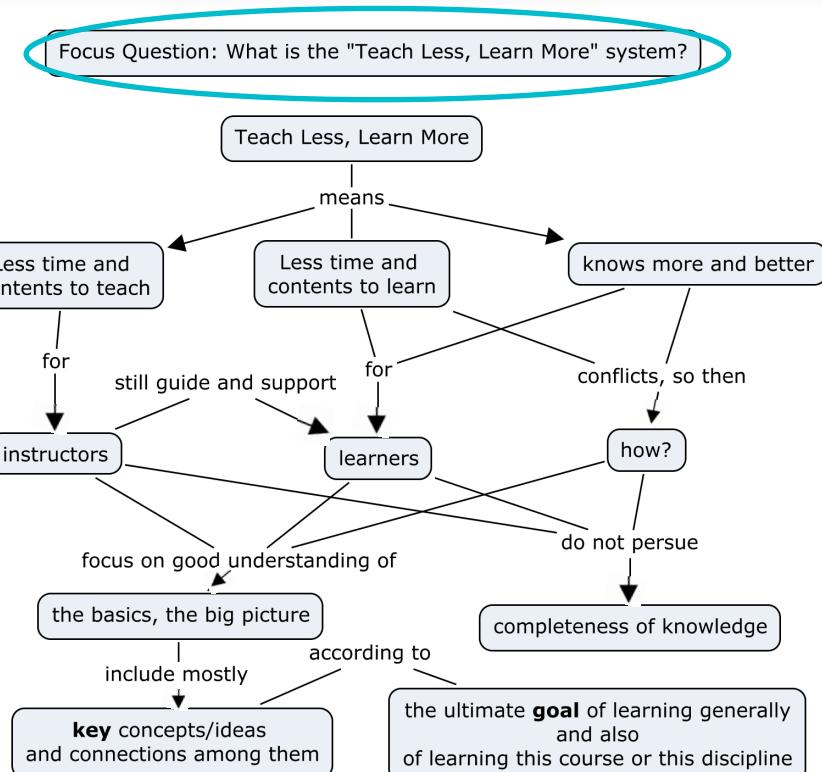
A good way to delineate the context for a concept map is to define a Focus Question, that is a question that **clearly specifies the problem or issue** the concept map should help to resolve.

Every concept map responds to a focus question, and a good focus question can **lead to a much richer concept map**.

Example:

What are the parts of a plant?

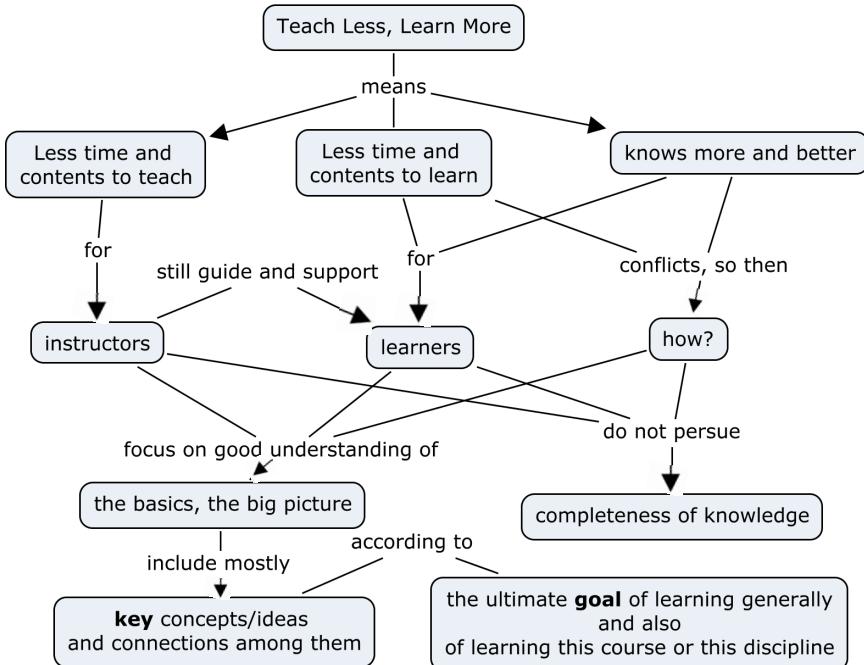
How do the different parts of the plant help to produce food for the plant?



# Elements of Concept Map

- **Concepts**
- **Linking words**
- **Propositions**
- **Focus Question**

Focus Question: What is the "Teach Less, Learn More" system?





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# How to build a Concept Map?

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# How to build a concept map

Determine Focus Question

Identify Key Concepts

Rank order Concepts

Connect Concepts

Modify Structure

Add Examples

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Focus Question: What are Birds?

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Determine Focus Question

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Add Examples

Focus Question: What are Birds?

Birds

Fly

Food

Feathers

Insulation

Rapid Digestive Systems

Two Wings

Hollow Bones

Warm-Blooded Animals

Beaks

Light body Weights

High Metabolism

Eggs

Constant Body Temperature

# How to build a concept map

Determine Focus Question

Identify Key Concepts

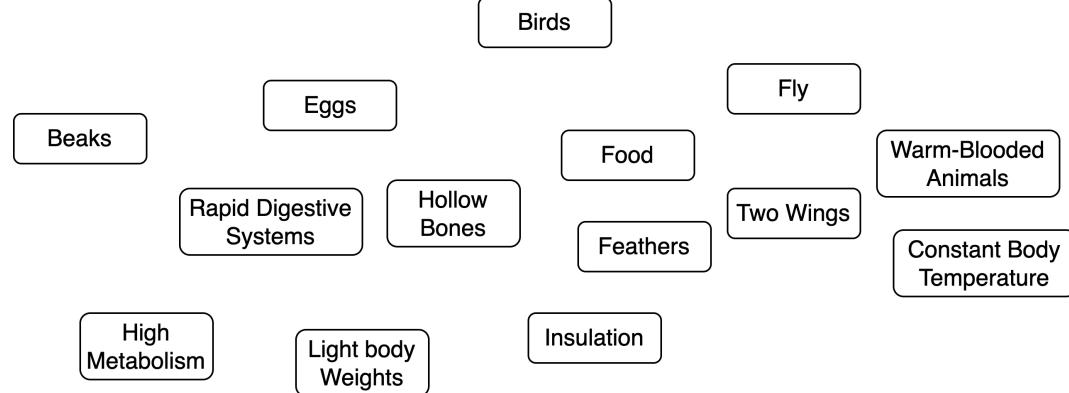
Rank order Concepts

Connect Concepts

Modify Structure

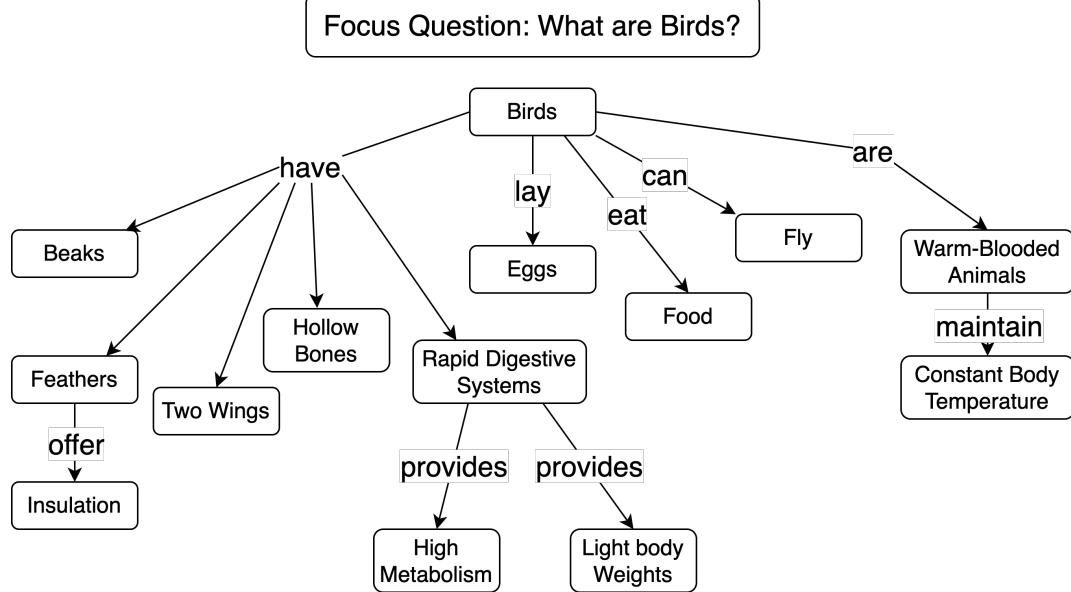
Add Examples

Focus Question: What are Birds?



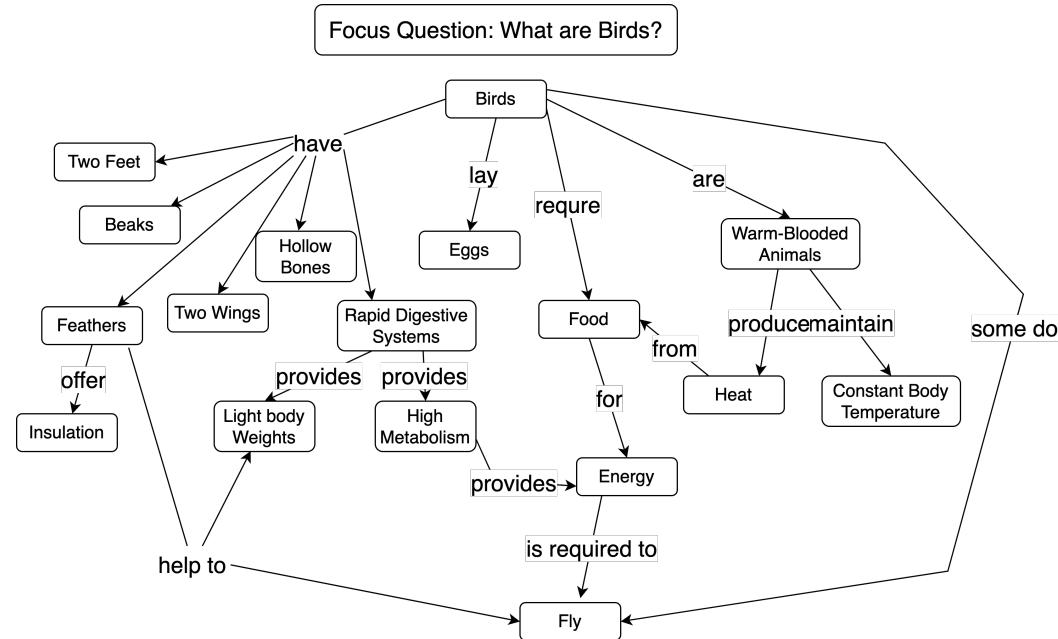
# How to build a concept map

- Determine Focus Question
- Identify Key Concepts
- Rank order Concepts
- Connect Concepts
- Modify Structure
- Add Examples



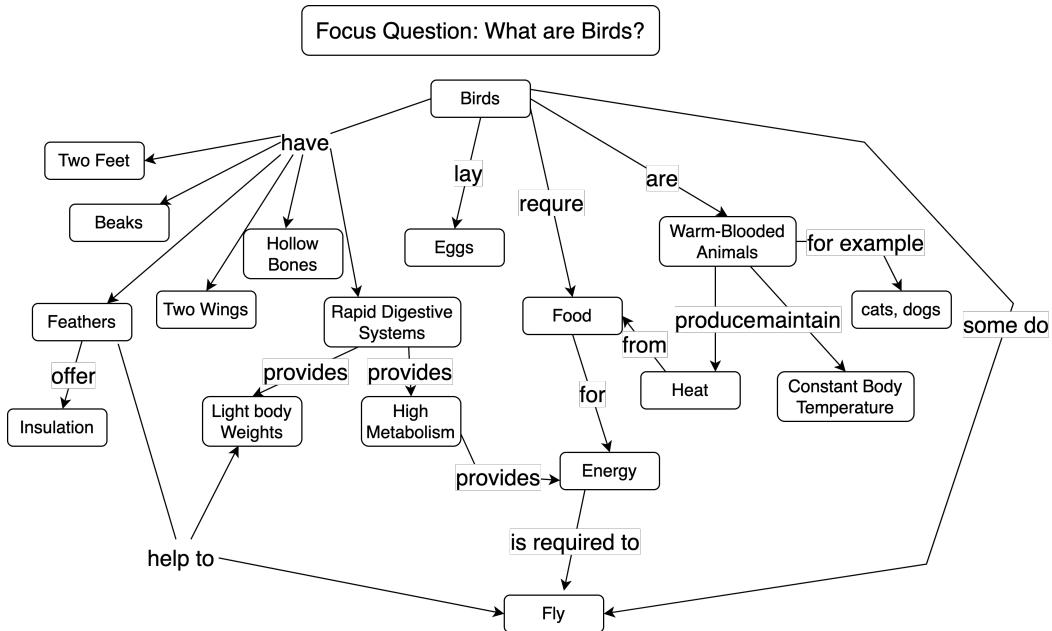
# How to build a concept map

- Determine Focus Question
- Identify Key Concepts
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- Connect Concepts
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# How to build a concept map

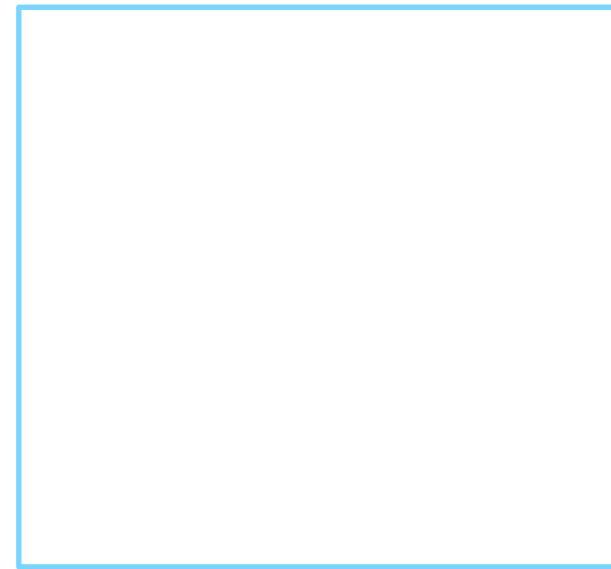
- Determine Focus Question
- Identify Key Concepts
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- Add Examples



For the same focus question, is everyone drawing the same concept map?

Yes

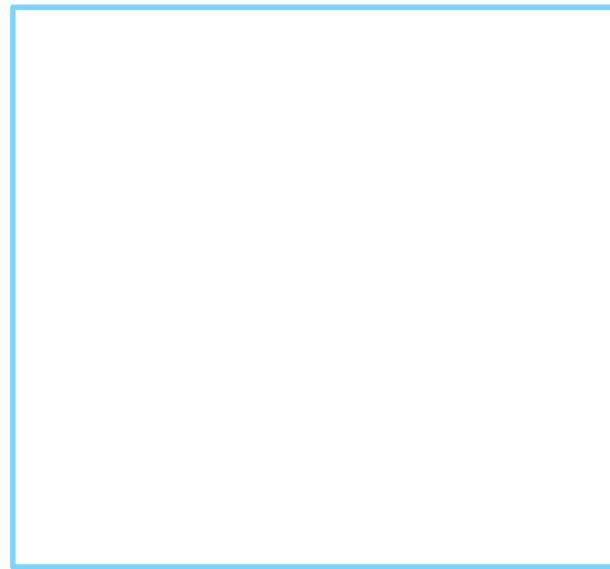
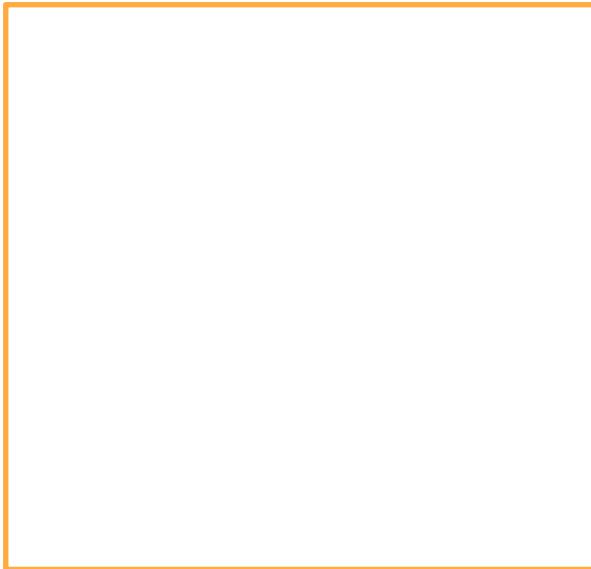
No



## Will all the listed concepts be reflected in the final concept map?

Yes

No





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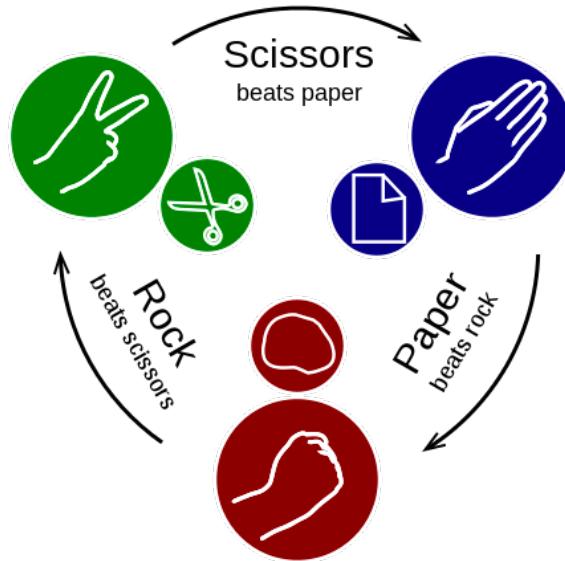
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# Concept Map Practice

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# Concept Map Practice Topics

- 1: Internet - Group B**
- 2: Computer - Group A**
- 3: Software - ?**



# Practice



## Do together as a group

- **Role 1(1 member):** Share screen, operate drawing tools
- **Role 2(1 member):** Showcase
- **Role 3(all members):** Search for information and contribute ideas
- Using tools: <https://excalidraw.com/>



## Steps

Step	Action	Time Box
1	<b>Identify role candidates and determine focus question</b>	5min
2	<b>Identify Key Concepts</b>	20min
3	<b>Rank order Concepts</b>	20min
4	<b>Connect Concepts</b>	20min
5	<b>Modify structure and add examples</b>	10min
	<b>Showcase</b>	

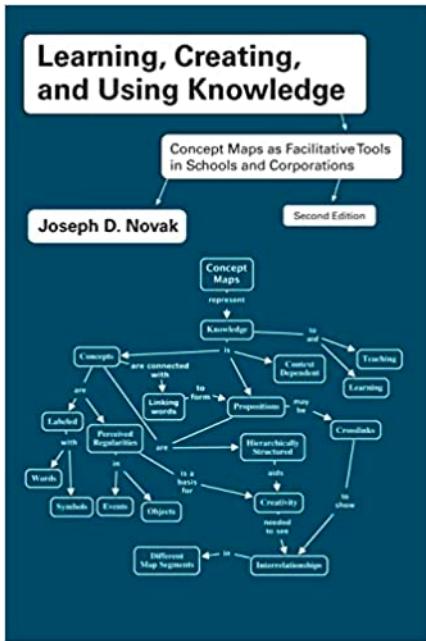
# Showcase

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**1: Internet - Group B**

**2: Computer - Group A**

# Books and Reference



<https://cmap.ihmc.us/docs/learn.php>



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# Standup Meeting

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# Did you do standup meeting before?

Yes

We do

No

We don't



# What is Standup meeting?

Standup meetings are **regularly** held gatherings—**typically daily**—during which team members **share status** reports on their work.

They are often held while attendees **stand**, which helps ensure a **short** check-in rather than a lengthy discussion.

# How to do Standup Meeting?

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1. What did I work on yesterday?
2. What am I working on today?
3. What issues are blocking me?

# Why Standup Meeting



- Promote and improve team collaboration
- Establish team consensus
  - understand the common goals of the team
  - capture the knowledge of different members
- Reduce blockers

# Standup Meeting

**What** A regular (often daily) meeting between 5 - 15 mins

**Where** Around workspace

**When** Fixed time per day      **Who** All team members

**Why** Team work...

**How** Members take turns  
Each member talks about updates

**Output** Record of blocker or questions



# Any tips on Standup Meeting?

1. Showing up late
2. Turn stand-up into a “status report”
3. Never ends (rambling on, lose focus)
  1. Start and continue technical or business discussions during the meeting
  2. Not preparing what to talk about during the standup
4. The “no problem” meeting, where no team member ever raises blockers

# Common Pitfalls





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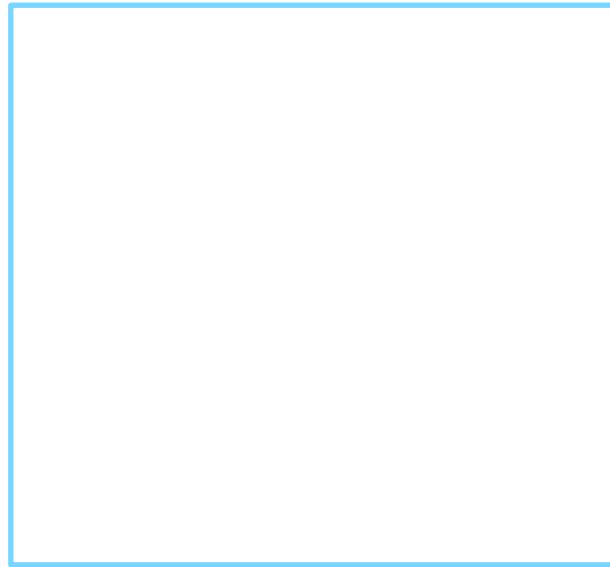
# What is the purpose of our daily summary and review?

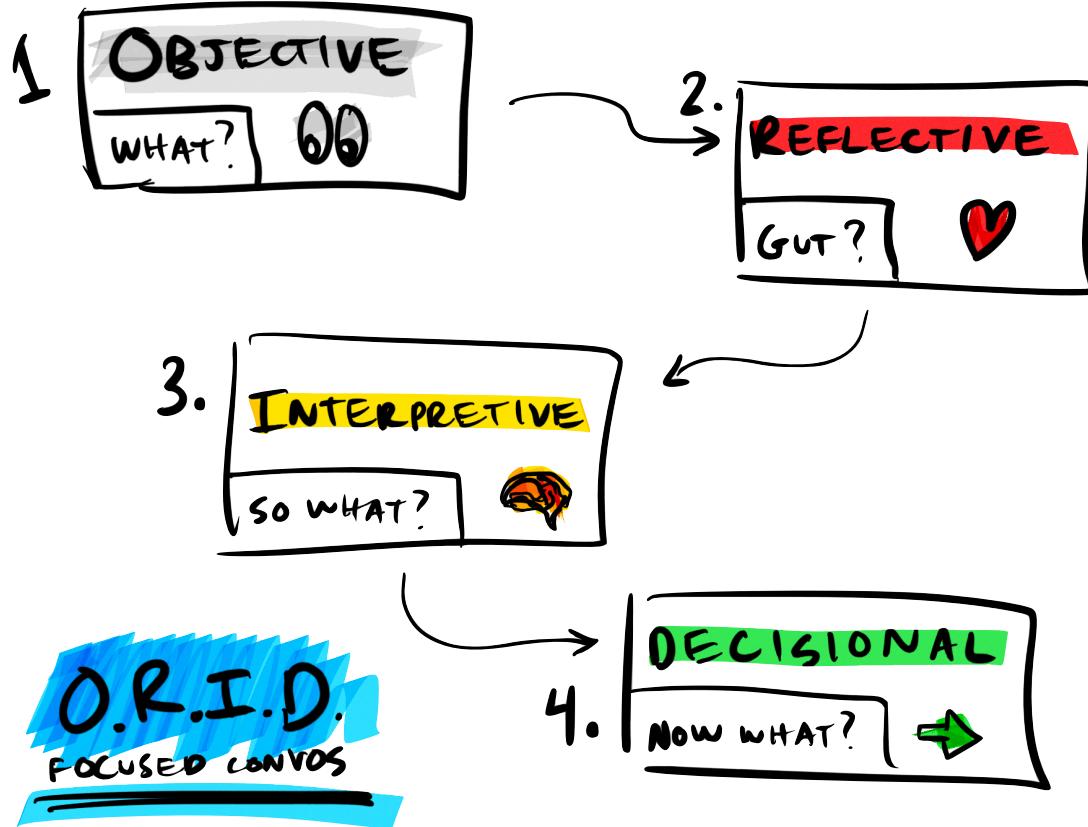
PUT keywords here

# Have you heard of ORID?

Yes

No





# Objective: Facts, Data, Senses

- Objective questions related to thought, sight, hearing, touch, and smell are used to draw out observable data about the experience
- For example:
  - What images or scenes do you recall?
  - Which people, comments, ideas, or words caught your attention, and why?
  - What sounds do you recall?
  - What tactile sensations do you recall?

# Reflective: Reactions, Heart, Feelings

- **Reflective questions relate to the affective domain - emotional responses, moods, and hunches.**
- **For example:**
  - **How did this experience affect you?**
  - **What was the high point?**
  - **What was the low point?**
  - **What was the collective mood of the group involved?**
  - **How did the group react?**
  - **What were your feelings during the experience?**

# Interpretative: So What?

- Consider the experience's value, meaning, or significance
- For example:
  - What was your key insight?
  - What was the most meaningful aspect of this activity?
  - What can you conclude from this experience?
  - What have you learned from this experience?
  - How does this relate to any theories, models and/or other concepts?

# Decision: Now What?

- **Determine future resolutions and/or actions**
- **For example:**
  - **How, if at all, has this experience changed your thinking?**
  - **What was the significance of this experience to your study/work/life?**
  - **What will you do differently as a result of the experience?**
  - **What would you say about the experience to people who were not there?**
  - **What would it take to help you apply what you learned?**

# ORID - Demo

O I suddenly met a dog on my way to work today.

R I was scared.

I Why is there a dog here? Because this road is so remote that few people take it.

D Tomorrow I will choose a main road with a lot of people.

# Practice-ORID

O (Objective): What did we learn today? What activities did you do? What scenes have impressed you?

R (Reflective): Please use one word to express your feelings about today's class.

I (Interpretive): What do you think about this? What was the most meaningful aspect of this activity?

D (Decisional): Where do you most want to apply what you have learned today? What changes will you make?

O

R

I

D



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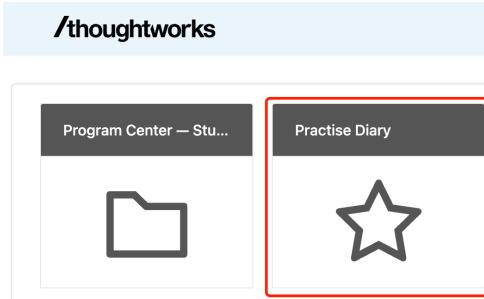
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# Homework

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# Homework

1. Daily Summary using ORID
2. Submit the concept map you did in practice after modify it according to yourself learning and understanding;
3. Prepare for the standup meeting of tomorrow

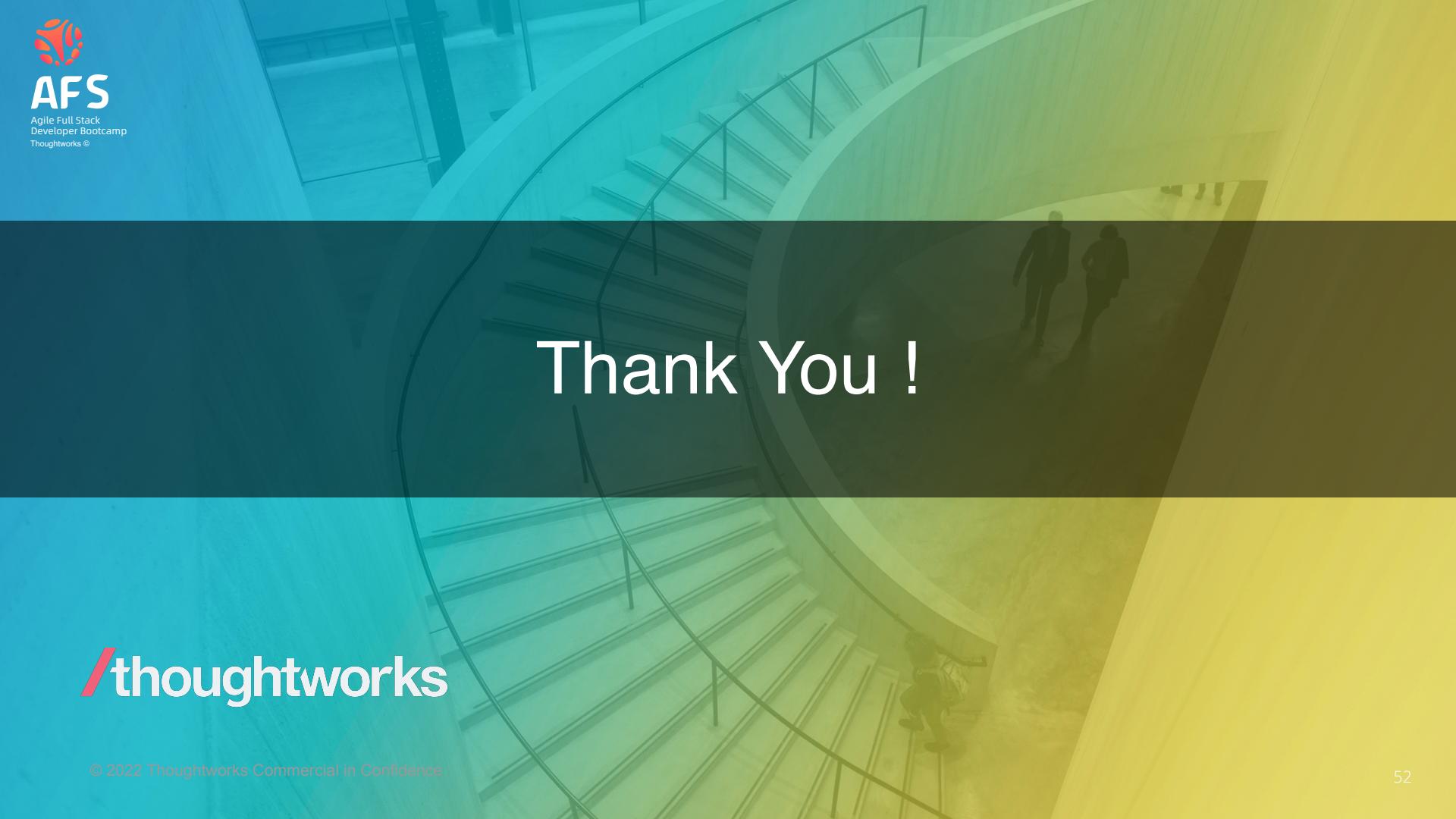


Submit Before 22:00



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# Thank You !

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