

Material needed:

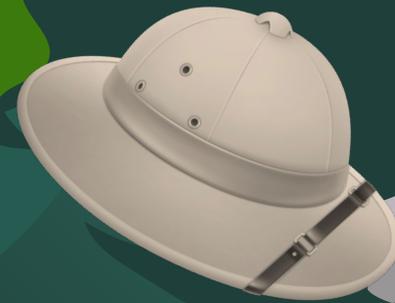


Inquiry at home

Creating meaningful learning experiences at home

First Friday - March 5th - EWS

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PYP Coordinator
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3:30-4:30

How to engage in **inquiry** at home

Goals:

- Inspire meaningful learning experiences at home
- Learn about Project Zero Thinking Routines
- Make connections with PYP



Let's try to find out

 Ask your child

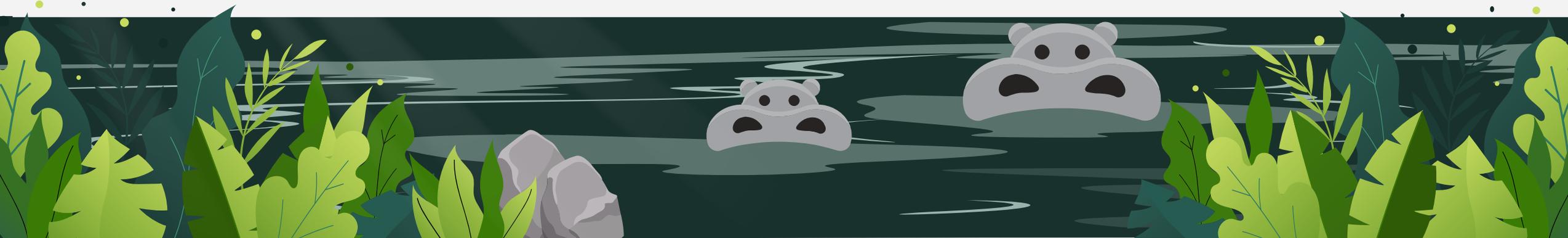
 What do you want to learn about?

 What are your favorite things?

 PARENT: you might think....

 What is important to learn about the topic?

 How can I support the agency and make it into an action?

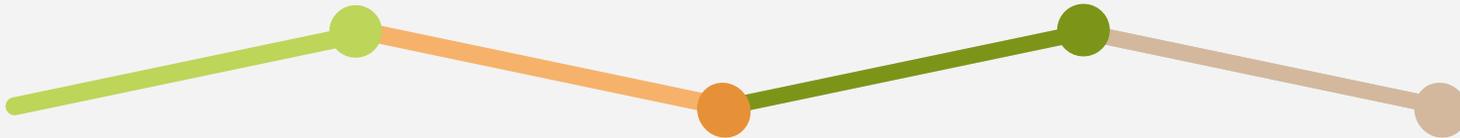


Steps:

🐍 Find what your child is
interest in

🐍 Inquire through learning experiences while
developing skills (ATL in PYP)

New Inquiry.....



🐍 Collect/select resources to go
further (Art, books, Music ...)

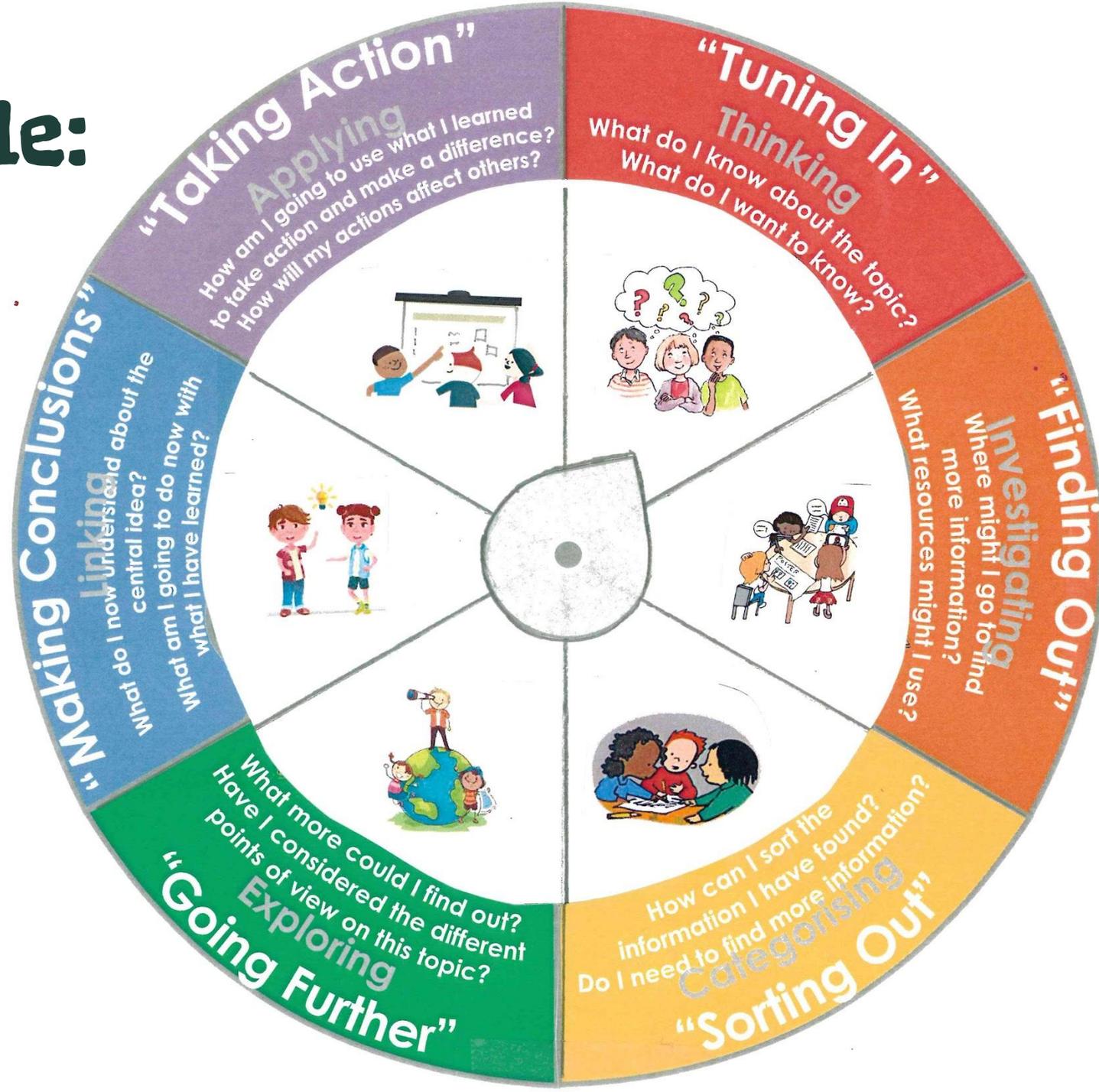
🐍 Celebrate

🐍 Reflect on the experiences:

- What did we learn? What skills did I develop?
- What can we do next? ACTION



Inquiry cycle:





Think of a time when you were
in the garden and you saw
butterflies...

What do you wonder about
butterflies?

**Why butterflies have colors on their wings?
Where do butterfly go when it is cold?**



1) Concepts

Migration

Geography

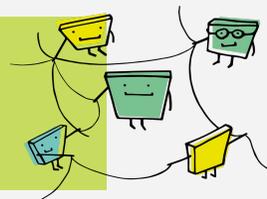
Patterns (seasons, design, symmetry, cycle)

Camouflage

Interdependence

Multidisciplinary (Art, Math, Reading, Writing, Science, SS, Language....)

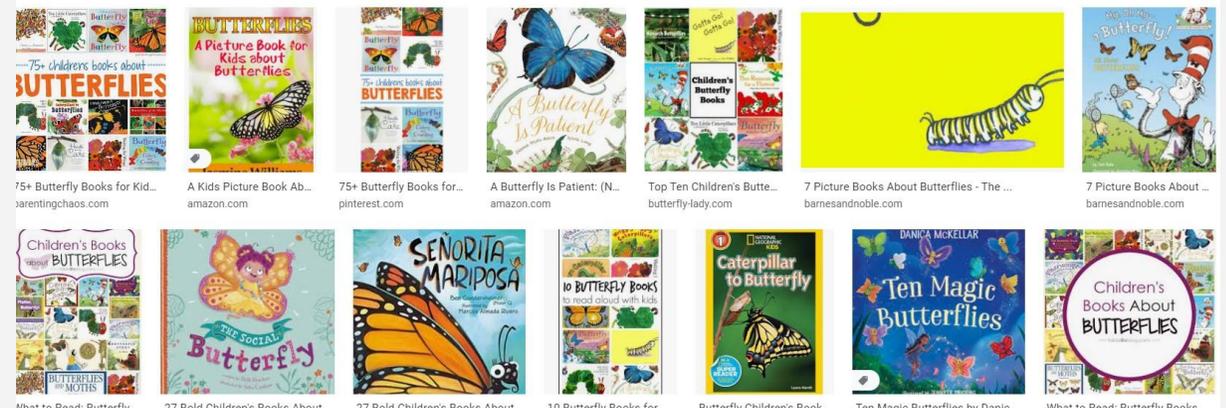
How is it connected to other areas?



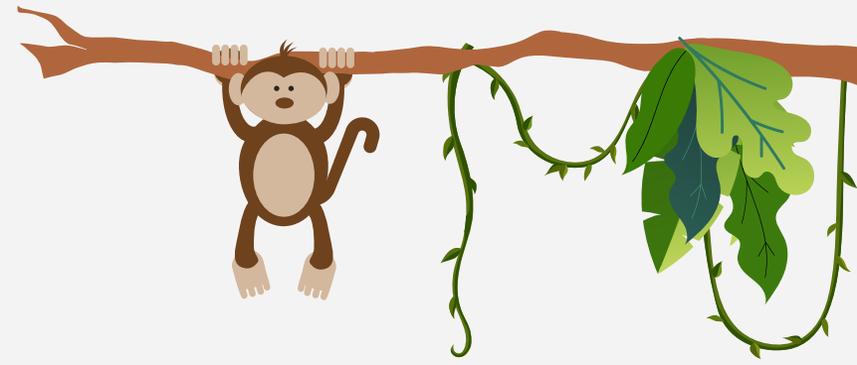
2) Find resources

Where can we find answers?

What can I suggest? (as a parent) books, songs, art, hands-on project



THINKING ROUTINES



- Generate - Sort - Connect
- See - Think - Wonder
- Step inside





What are Thinking Routines?

A thinking routine is...

a tool



a structure

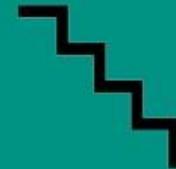


a pattern of behavior



Thinking Routines help learners build understanding with...

- a few easy steps



- a goal orientation



- public & private practice

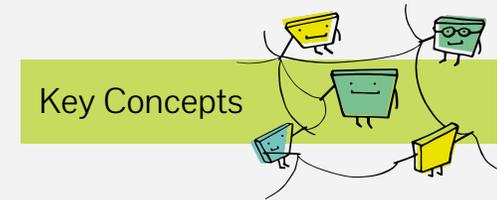
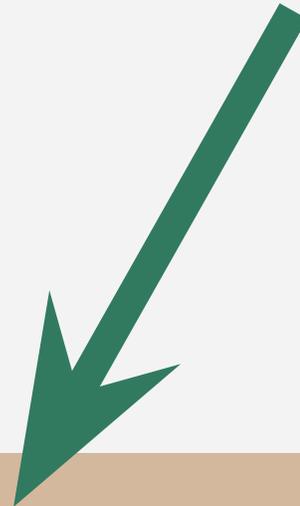


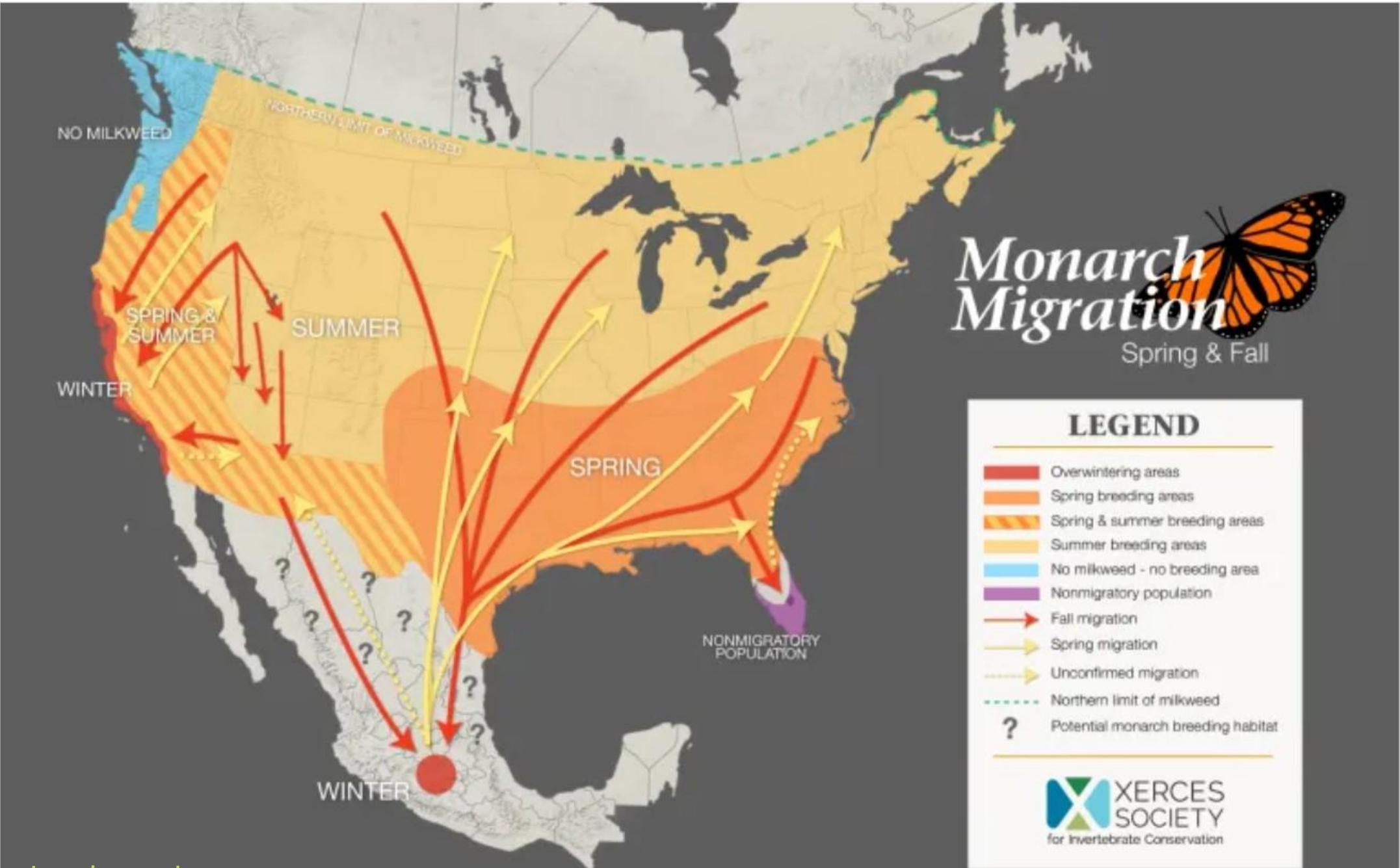
Images from Jim Reese presentation - IBMA 12/14/20



How to use the questions (wondering)?

Generate - Sort - Connect





I
see...



I
wonder....

I
think...



Butterfly in the sky

In this late 2019 photo taken by building owner Veritas Investments, artists put the finishing touches on the 50-foot-tall monarch butterfly painted on the north wall of a building at Hyde and O'Farrell Streets in San Francisco.



Step inside



What do you think those caterpillars think?

What do you think they can hear, see, taste, smell?

Create speech bubbles!



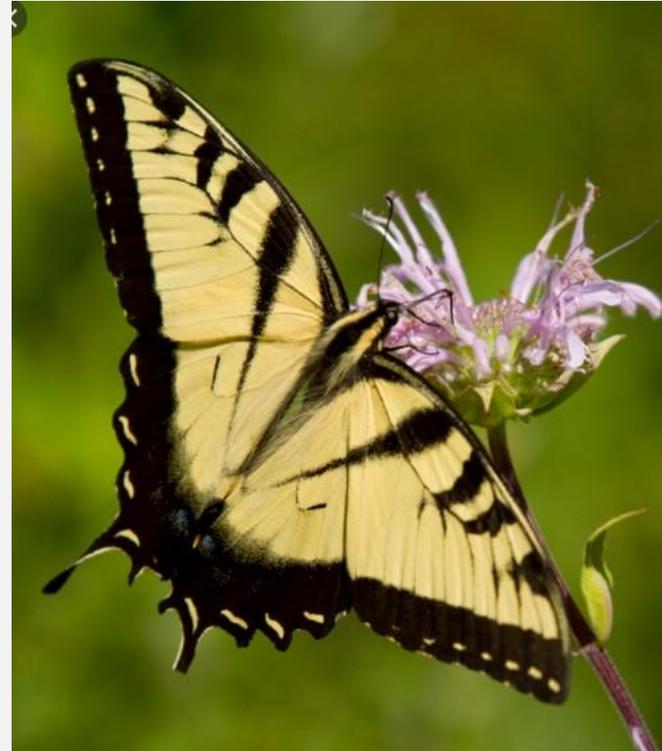


Step inside

What do you think?
Do you think it tastes, smell?



Imagine what it will look like
after it has finished (t)



How can making/creating moves the child toward deeper understanding?

<https://artsycraftsymom.com/15-super-cute-butterfly-crafts/>
<https://www.pinterest.com/esl52/butterfly-crafts/>
<https://buggyandbuddy.com/galaxy-butterfly-art-project-for-kids/>



20 BUTTERFLY CRAFTS

perfect to make with kids for spring

Featured on Artsycraftsymom.com



Real life experiences

Go on a hunt for butterflies and caterpillars -

<https://www.youtube.com/watch?v=Ggi6-28M1kU>

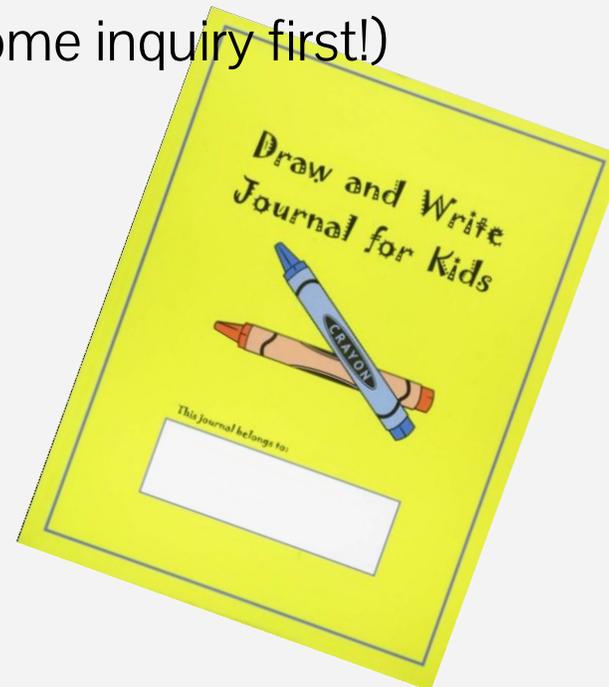
Try to capture caterpillars and keep them in a safe place to observe the cycle (make sure you do some inquiry first!)

Visit parks, butterfly garden,....

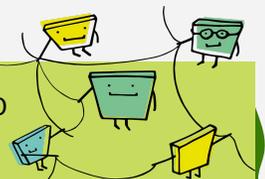
Butterfly Pavilion

Brookside garden

Keep a journal



Approaches to learning



ACTIONS (Extensions)



What can I/we do to help the monarch?

What can I/we do to help nature - insects?

- Plants pollinator plants
- Butterfly feeder
- Plants milkweed
- Butterfly garden

And that could be the beginning of a new inquiry.....

RESOURCES

Making Thinking Visible

- [Thinking Routines-video](#)
- [Thinking Routines Tool Box](#)

(all thinking routines are presented in English and Spanish)

- [Step inside](#)
- [See-Think-Wonder](#)
- [Thinking routine matrix](#)
- [Generate-sort-connect](#)

PYP links:

<https://ibo.org/information-for-parents/>

A reminder that **#pypparents** on social media sites such as Twitter is a place for parents to learn about the PYP as well as share ideas, comments, etc.

- <https://www.nathab.com/central-america/monarch-butterfly-tour/>
- <https://monarchwatch.org/tagging/>
- <https://www.monarchwatch.org/>
- <https://www.butterflyidentification.com/butterfly-facts/parts-of-a-butterfly>
- <https://australianbutterflies.com/what-are-butterfly-wings-made-of/>
- <https://www.thoughtco.com/fascinating-facts-about-butterflies-1968171>
- <https://www.thoughtco.com/fascinating-facts-about-butterflies-1968171>

1. Don't say anything! When a child asks a question, don't give an answer. Instead ask: "what do you think?"

2. Encourage groups learning at home! Ask your child(ren) to come up with answers or solutions with siblings, friends, and/or classmates. You can also turn some homework into family homework and learn together

3. Write it down! When your child brings home special artwork, ask to tell you about it. Write it down and store the documentation with the artwork.

5 home strategies

4. Take pictures! Photograph your child in the action. Discuss the pictures later and ask your child: "Tell me about this." "How did you feel about doing this." This is a great reflection time.

5. Extend the learning! When you child is really excited about something, suggest to learn more and join the journey with him/her.

Possible reflective questions to ask:

- What did you learn today?
- What don't you understand yet?
- What new questions do you have now?
- Have your ideas or thinking changed? Why?
- What different opinions/views are there on this subject? What's your opinion and why?
- Can you explain your learning in different ways?
- How does your learning connect to the local/global world?
- What do you want to learn more about?
- What can you already do?
- What will you work on next?
- What can you do to become a more effective learner?

• A reminder that **#pypparents** on social media sites such as Twitter is a place for parents to learn about the PYP as well as share ideas, comments, etc.

PYP - Essential Elements

Inquirer	Communicator	Open-minded	Risk-taker
Knowledgeable	Who Do We Want To Be?		Balanced
Thinker	Principled	Caring	Reflective

How Will We Act?

When we have voice, choice and ownership (AGENCY), how will we ACT all throughout the learning process?

Participation Being actively involved	Advocacy Publicly supporting change	Social Justice Related to human rights, equality and equity	Social Entrepreneurship Innovative, resourceful and sustainable social change	Lifestyle Choices Changing personal habits
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What Do We Want To Learn?

What do we want to **know**?

What big ideas do we want to **understand**?

Our approach to teaching is collaboratively writing, teaching and assessing transdisciplinary curriculum that is authentic, inquiry-based, and concept-driven.

KNOWLEDGE	TRANSDISCIPLINARY THEMES
	Who We Are Where We Are in Place and Time How We Express Ourselves How the World Works How We Organize Ourselves Sharing the Planet
	SUBJECT AREAS
	Language Social Studies Mathematics Arts Science Physical, Social, and Personal Education

KEY CONCEPTS	Form	What is it like?
	Function	How does it work?
	Causation	Why is it like it is?
	Change	How is it changing?
	Connection	How is it connected to other things?
	Perspective	What are the points of view?
	Responsibility	What is our responsibility?

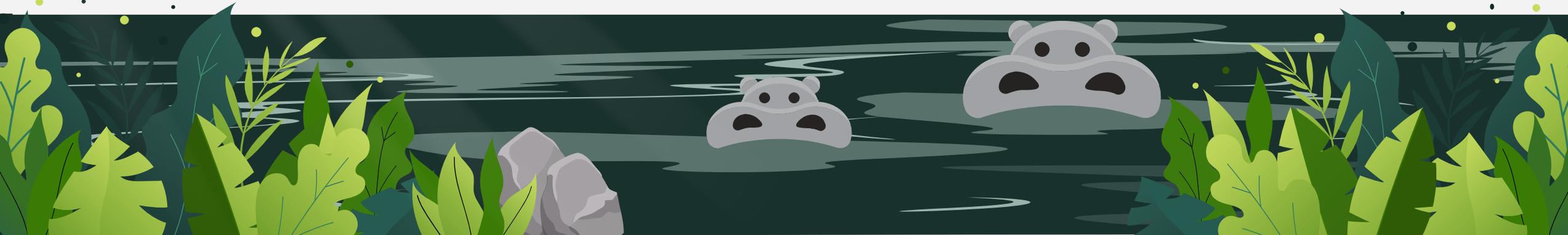
PYP - Essential Elements

What skills do we want to **be able to do** in order to actively engage in our own learning?

APPROACHES TO LEARNING	Thinking Skills	Critical thinking	Analysing	I look closely at new information and make connections to what I already know.
			Evaluating	I see things in different ways to solve problems.
Creative thinking	Forming decisions	I am flexible and open-minded when making a choice or learning something new.		
	Generating novel ideas	I show other people new ideas and questions I have in different ways.		
Information transfer	Considering new perspectives	I consider different ways of thinking with an open mind.		
		I take information I have learned and use it in different places.		
	Reflection and metacognition	I answer, "What did I learn today and why did I learn it?"		
Research Skills	Information Literacy	Formulating and planning	I ask questions and figure out how to answer them.	
		Data gathering and recording	I find information and show it using words or pictures.	
		Synthesizing and interpreting	I sort information into groups to understand and organize what I am learning.	
	Evaluating and communicating	I communicate what I have learned and where I learned it from, in lots of ways.		
	Media literacy	I use media resources to connect, create and communicate.		
Ethical use of media/information	I am responsible, respectful and safe when using media to learn and share.			
Communication Skills	Exchanging information	Listening	I listen respectfully and responsibly to others so I can understand.	
		Interpreting	I understand what I see and hear.	
		Speaking	I speak clearly to share and explain my ideas in many ways.	
	Literacy	Reading	I read, understand and talk about what is written.	
		Writing	I use writing to share my thoughts and sort information.	
ICT	I decide on different ways to share what I know or wonder about, including the use of technology.			
Social Skills	Interpersonal relationships	I get along with and care for others as we learn.		
	Social and emotional intelligence	I name my feelings and control my actions so that everyone can learn.		
Self-management Skills	Organization	I choose a learning goal and make a plan to complete a task.		
	States of mind	Mindfulness	I am aware of my feelings and my body to stay focused.	
		Perseverance	I complete challenging tasks by never giving up.	
		Emotional management	I know and manage my emotions. I stand up for myself and others.	
		Self-motivation	I always tell myself, "I CAN DO IT!"	
		Resilience	I keep trying when things are new or difficult.	

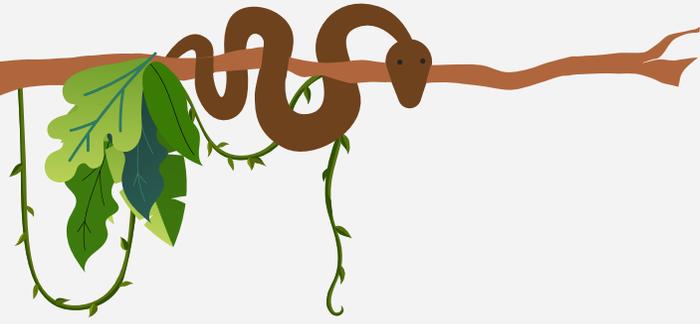


Comments and questions



Thank you!





Credits.

Presentation Template: [SlidesMania](#)

Images: [Unsplash](#)

