



A Lesson Plan Grade 3-5

But Why is led by you, kids! Kids all over the world send us questions, and we find the answers. We've created these learning units to be used in a classroom setting or at home. Watch the video first and then use this guide to deepen your understanding of what you've learned. Find more episodes at butwhykids.org.



But Why: Adventures! Northeast Nature | FEBRUARY: MIGRATION

DRIVING QUESTION:

Why do organisms or species need to migrate?

Objectives: Students will

- Be able to demonstrate their understanding of why some birds migrate and others do not.
- Be able to identify why some humans need to migrate and others do not.

Activities:

1. Do a web quest to discover a species migration pattern and plot the pattern of a bird that lives in your area.
2. Look at a map of North and South America and notice the routes that birds take.

Teachers please note: Our DEI, SEL and Community Connections for this lesson draw parallels between animal and human migration. Humans move from place to place for many reasons, some of which are traumatic for children. Please consider how to frame these discussions sensitively. Allow students room to process and do not force students to participate or share.

VELS (K-3): SC 1:1, PS 2:1

NGSS

3-LS2-1

ISTE

1.2 and 1.3



Watch & Connect

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WATCH & CONNECT:

Draw or write in the boxes.

K (Know). What do you know about migration?

W (Want to know). What do you want to know about migration?

L (Learn). What did you learn about migration?

Additional questions:

What features in the environment make it more likely that some species will migrate?

Make a list and then share it with a partner.

What ideas did you have that were the same?

What ideas did you have that were different?



Watch & Doodle

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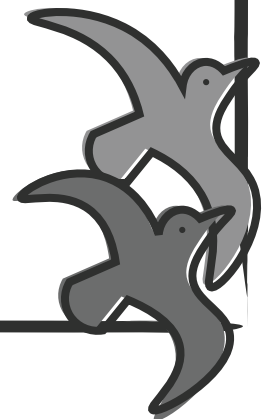
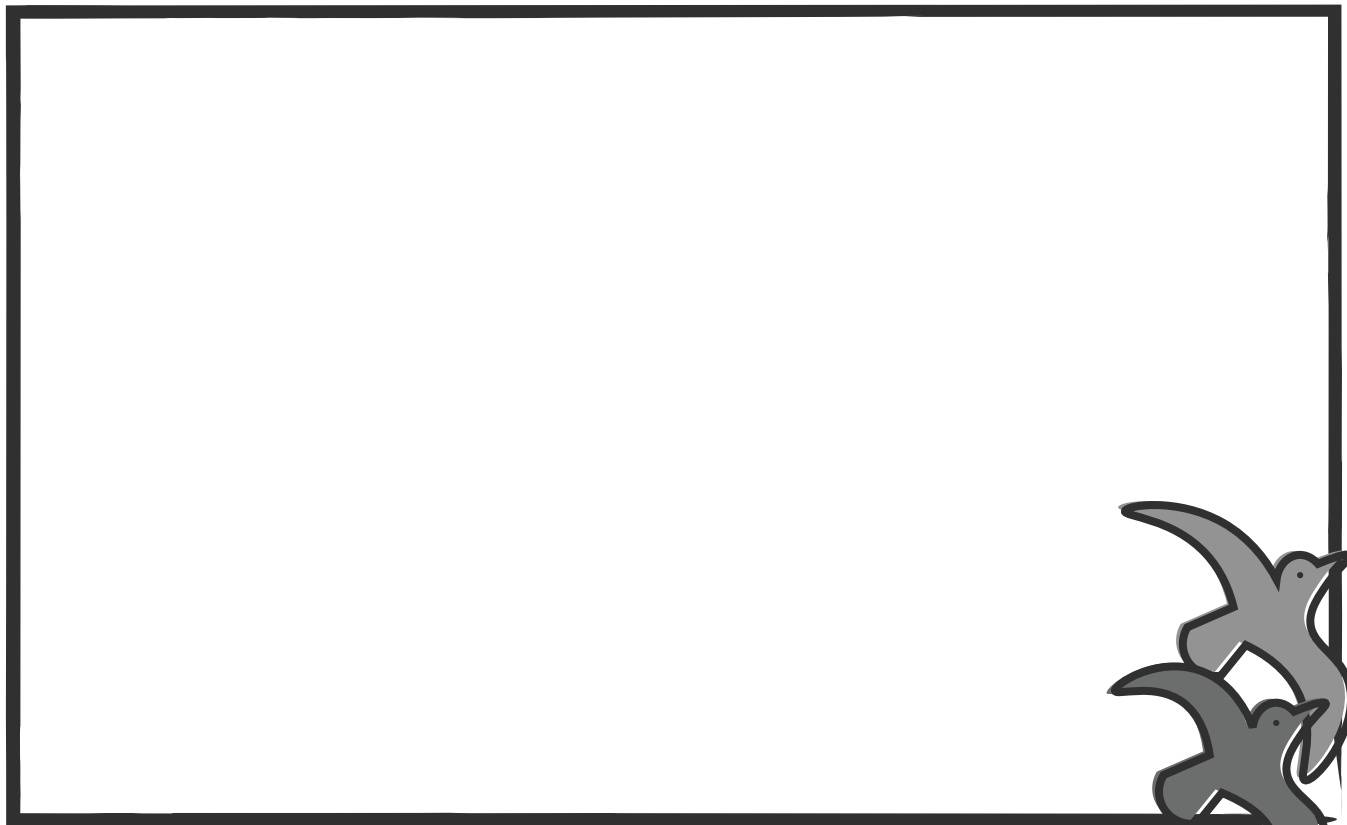


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WATCH & DOODLE:

Birds work hard to migrate. Use your imagination and what you know about migrating birds to invent something that would help migrating birds on their journey. It could be something very useful (like special feeders) or something imaginative and kind of silly, like bird lunchboxes that they can carry as they fly.

Draw your special migration invention below and explain to your class how your invention would help.





Web Quest

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Choose a migrating bird and trace its migration with a dotted line:



Safe Search Tips:

1. Don't click on items that look like advertisements.
2. Make sure website names are spelled correctly.
3. Check to see if the website you access is secure by looking for the lock image in the search bar.



BUT WHY

Feelings: Connections

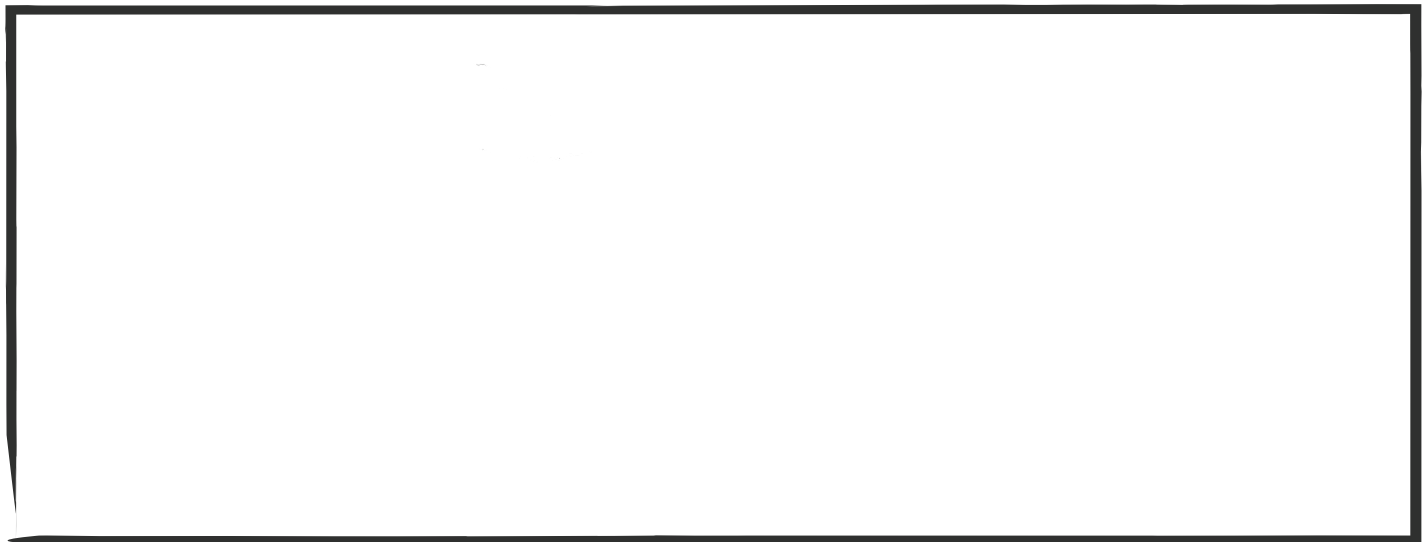
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SOCIAL EMOTIONAL CONNECTIONS: We are all connected.

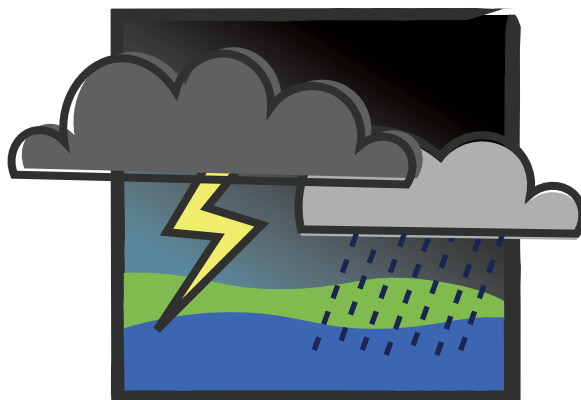
Think about the reasons humans might need to migrate and discuss as a class. Now draw or paint your ideas. **With your artwork, create a classroom collage of ideas and experiences.**



Work:



Weather:



Your own example:



BUT WHY

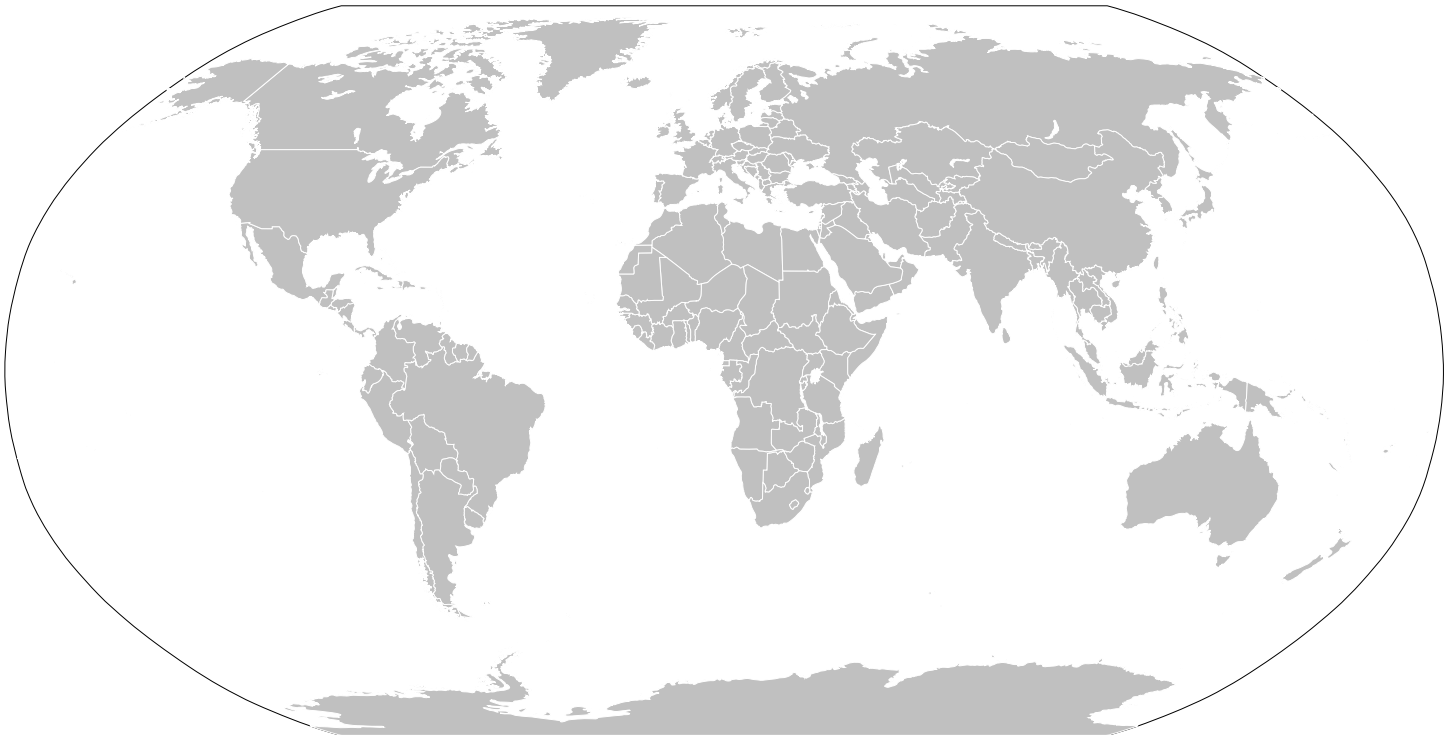
Community: Connections

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On the world map below, plot places that your classmates or their families have lived before.





Migration

[my-GRAY-shun] • *noun*

The seasonal movement of animals from one location to another.



Habitat

[HA-bih-tat] • *noun*

The natural environment where an animal lives.



Adapt

[Uh-DAPT] • *verb*

To modify something or adjust to changing conditions.



Forage

[FOR-idge] • *verb*

To search a wide area for food, and then to collect or eat it as it is found.

••• **What new words did you learn?** Make your own vocabulary cards. •••

