

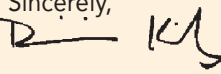
Dear Educator,

Join the funny, feathered Mallard Family, from Illumination's new animated film *Migration*, on a learning adventure with this free educational program created by the curriculum specialists at Young Minds Inspired, Illumination, and Universal Pictures.

Inspired by the Mallards' action-packed southbound vacation, students explore the science behind avian migration and learn that, like the Mallard Family, they, too, can grow and change by spreading their wings and working together.

We hope that you enjoy this program and will share it with other teachers. And please tell us what you think. Comment at [ymiclassroom.com/feedback-migration](https://www.ymiclassroom.com/feedback-migration).

We look forward to receiving your comments.

Sincerely,


Dr. Dominic Kinsley
 Editor in Chief
 Young Minds Inspired



Questions? Contact YMI toll-free at 1-800-859-8005 or by email at feedback@ymiclassroom.com.

TAKE FLIGHT WITH

ILLUMINATION PRESENTS

MIGRATION



Target Audience

Grades 4-6

Program Components

Available at [ymiclassroom.com/migration](https://www.ymiclassroom.com/migration):

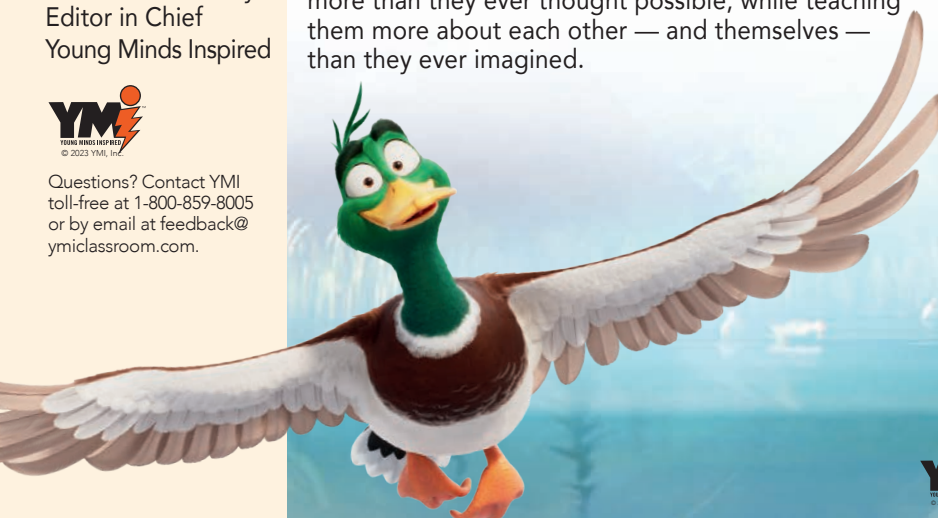
- This teaching kit with five reproducible student activities
- A trivia challenge Q&A list
- A reproducible family take-home letter
- An interactive digital quiz
- Teaching kits for grades 1-3
- A poster
- An education standards chart
- A feedback form

Concepts and Skills

Migratory bird habits	Analytical thinking
Ecology	Reading informational text
Bird observations	Writing
Geography	Teamwork
Family	Math
Adventure	

About Migration

This holiday season, Illumination invites you to take flight into the thrill of the unknown with a funny, feathered family vacation like no other in the action-packed new original comedy, *Migration*. The Mallard Family is in a bit of rut. While dad Mack is content to keep his family safe paddling around their New England pond forever, mom Pam is eager to shake things up and show their kids — teen son Dax and duckling daughter Gwen — the whole wide world. After a migrating duck family alights on their pond with thrilling tales of far-flung places, Pam persuades Mack to embark on a family trip, via New York City, to tropical Jamaica. As the Mallards make their way south for the winter, their well-laid plans quickly go awry. The experience will inspire them to expand their horizons, open themselves up to new friends and accomplish more than they ever thought possible, while teaching them more about each other — and themselves — than they ever imagined.



How to Use This Guide

Photocopy the activity sheets for students. Display the PDF of the poster on your whiteboard. After class, send the activities home for families to enjoy together, along with a copy of the family letter.

Activity 1: Let's Fly!

Part 1: Start this unit by finding out how much students know about birds and migration with this fun quiz. Read the film synopsis to students and then distribute the activity sheet and have them complete the quiz on their own or do it as a group. Review the answers as a class and have students make any corrections needed and then share the quiz with their families.

Show students the poster found at [ymiclassroom.com/migration](https://www.ymiclassroom.com/migration), which identifies the four flyway paths in the U.S.

- Answers:**
1. F. Birds fly south for the winter.
 2. T. 3. F. When feeding, ducks *dabble*, or dip only their heads underwater, tipping their tails upward.
 4. F. Birds have strong memories of migratory patterns and often return to the same locations.
 5. T. 6. T. 7. F. Some species like pigeons and some parrots do not migrate. 8. F. Reflections of bright lights in urban areas disorient birds, causing collisions into tall buildings. 9. T. 10. F. Birds navigate using geographical landmarks (coastlines, mountain ranges). 11. T. 12. F. Birds prepare for migration, molting old feathers and gaining new ones, doubling oxygen capacity in their blood, and eating enough to almost double their body weight!

Part 2: Have students share personal examples of trying something for the first time. Use the prompts below to help students recognize that trying something new helps build positive traits like confidence, stamina, and grit.



Ask students:

- How does trying something new feel?
- How can trying something new help you feel good about yourself?
- Why is it OK to make a mistake when trying something new?
- How does it feel when things don't work out the way you planned?
- How can you stay motivated when trying something new?

Activity 2: An A-Mazing Journey

Part 1: Distribute the activity sheet. Have students work in teams or individually to identify threats to migrating birds. Then have students categorize the threats as caused by humans or nature. Use the following explanations to deepen student understanding.

Migration threats:

- Tall glass buildings – reflective glass disorients birds, causing building collisions
- Stormy weather – high winds and temperatures can be dangerous
- Predators – wild and domestic predators like coyotes, foxes, cats, and dogs
- Plastic pollution – lasts hundreds of years; birds mistake it for food and ingest it or can get tangled in it
- Light pollution – birds are attracted to light at night, causing disorientation and building collisions
- Urbanization/habitat loss – destruction of nature impacts the birds' habitats
- Environmental pollution/poor air quality – driven by frequent large wildfires and fossil fuel emissions, impacts birds' health

Migration supports:

- Sun and stars – used in day and nighttime migration
- Natural landmarks – birds remember geographical landmarks
- Earth's magnetism – earth's magnetic compass helps birds distinguish earth's poles

Possible additional threats: changes in the environment, power lines, barbed wire fences, oil spills, predatory bird species like hawks and falcons, invasive plant and animal species, etc.

- Threats Caused by Nature: storms, wild predators
- Threats Caused by Human Activity: tall glass buildings, plastic pollution, light pollution, urbanization/habitat loss, poor air quality, domestic predators

Part 2: Ask students to analyze how human activity poses greater threats, as evidenced by the category results. Have students discuss and make posters of the Mallard Family's tips. Display the posters throughout your school to encourage others to help protect birds.

Activity 3: Are We There Yet?

Distribute the activity. Students might work together or independently to solve the problems.

Answers: Part 1: 1. 2.5 days; 4.5 days; 70 hours (2,000/200=10 hours; 2.5 x 24=60 hours + 10 hours=70 hours); 2. 52 eggs; 3. Approximately 20,000 miles. **Part 2:** 1. 4 days; 2. 2 days; 3. 5 days; 4. 2 days; 5. 4 days; 6. Monday; 7. Wednesday

Activity 4: Bird Observation

Take your students on a science field trip to observe birds outdoors in your schoolyard. Before going, introduce students to bird observation skills by screening Cornell's *Inside Birding* at www.youtube.com/watch?v=ridajl8uic0. Then distribute the activity sheets and take students outside to observe. Field guides from your school or local library and online resources like www.allaboutbirds.org/news/ and www.audubon.org/bird-guide can help with bird identification.

Once done, lead students in a discussion of their observation data. Ask questions such as, *What patterns do you notice in your data? Are there connections between weather and bird observations or behaviors? What types of birds did you see most often?*

As a follow-up activity, lead students in multiple observation sessions and collect data to make a variety of graphs, such as the number of birds observed over a specific period of time. Visit community science resources such as **Cornell's Celebrate Urban Birds** and **eBird**, and **Journey North** to further extend bird watching activities and sharpen bird identification skills while helping students participate in scientific research and data collection about birds.

Activity 5: Winging It

Distribute the activity masters and have students work in groups or independently to complete the puzzles.

Answers: Part 1: Mack: NC – North Carolina; Pam: AK – Alaska; Dax: PA – Pennsylvania; Gwen: MD – Maryland.

Part 2: New York City

Migration Trivia Challenge!

Host your own trivia game challenge with the question and answer sheets included in this teaching kit. Group students in teams to test their ornithological, migration, and geographic knowledge. See the game play instructions, then let the fun begin!

Check Out the Digital Quiz!

Extend the migration journey with a fun, interactive digital quiz that students can do in class with your help or at home with their families. Go to ymiclassroom.com/migration for the game. While you're there, also download the family letter to send or email home to families so that they can join the fun!

Resources

www.migration.movie
ymiclassroom.com/migration



LET'S FLY!



GWEN



UNCLE DAN



MACK

Meet the Mallard Family! They're about to go on their first *avian migration*. That's when large flocks of birds leave their summer breeding grounds in the fall and fly to their winter homes. Then, in the spring, they fly back the other way. Sound like fun?

PART 1 Find out how much you already know about bird migration. Read each statement below. Write "T" on the line if the statement is true. Write "F" on the line if it is false.

1. _____ Birds always fly north for the winter.
2. _____ Avian migration is a response to seasonal changes, such as shorter daylight hours and less availability of resources like food and breeding grounds.
3. _____ Ducks dive and swim underwater for food when they are feeding and preparing for migratory flight.
4. _____ Birds never return to the same migration destination more than once.
5. _____ It's not unusual for birds to fly 10 hours a day during migration.
6. _____ Ducks and geese often fly in V-formation to help conserve energy on their migration route.
7. _____ All birds migrate.
8. _____ Birds prefer flying over urban areas at night because the light from city buildings helps them see better.
9. _____ Birds use the position of the sun and stars to help them reach their destination.
10. _____ Birds do not rely on geographical landmarks such as coastlines to help navigate their journey.
11. _____ There are four major flyways, or "superhighways," across the U.S. that birds use to reach their migratory destinations: Atlantic, Mississippi, Central, and Pacific.
12. _____ Birds don't need to do anything special in preparation for migration.

PART 2 The Mallard Family is nervous about migrating for the first time. But, with their "Let's fly!" attitude and a little help from each other, they learn that overcoming fears and trying new adventures can be fun!

Think of a time when you tried something new. Complete the prompts below about your "Let's fly!" moment. Then on the back of this sheet or separate paper, write a paragraph to describe your experience that incorporates your prompt responses.

My "Let's fly!" moment happened when I _____

Before this experience, I felt _____

During the experience, I felt _____

After the experience, I felt _____

I was inspired to try something new by _____



PAM

Families,
Join the Mallard
Family for their
fun-filled migration
vacation to Jamaica!
Migration is only
in theaters
December 22.



DAX



AN A-MAZING JOURNEY

The Mallards must avoid many obstacles and challenges on their way to their migration vacation destination — Jamaica.

PART 1 In the word cloud below, circle the words that represent real-life threats birds face during migration. Then, review the words you circled. Identify the threats that are caused by nature and those caused by humans and write them in the correct columns below. Add two additional threats of your own to the chart.

natural landmarks **light pollution** habitat loss
coastlines tall glass buildings **cats** stars
SUN urbanization **stormy weather**
 domestic predators **dogs**
wild predators coyotes
 mountains **foxes** **plastic pollution**
 earth's magnetism environmental pollution

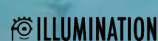
Threats Caused by Nature	Threats Caused by Human Activity

PART 2 Migrating birds like the Mallard Family need your help. Follow the tips below to help make their long journey safer. Together we can do it!

- Give birds and other wildlife space. If they look scared or are reacting to you, then you're too close!
- Don't feed wildlife. Human food can make them sick.
- Keep wildlife spaces clean. Throw away trash or other items that don't belong in nature to protect birds and other wildlife from getting tangled or eating it.
- Keep pets at a safe distance. Keep pets on a leash to protect them and nearby wildlife.
- Call the experts at your local wildlife center if you see a bird or other animal in trouble.



Families,
 Join the Mallard
 Family for their
 fun-filled migration
 vacation to Jamaica!
Migration is only
 in theaters
 December 22.



ARE WE THERE YET?



The Mallards are excited for their first migration vacation! But flying from New England to Jamaica is not a quick trip. Check it out on a map!

PART 1 Solve the word problems below to help the Mallard Family with their journey!

- It's about 2,000 miles to Jamaica from the pond in New England where the Mallards live. If the Mallards fly about 800 miles each day (nonstop), how long will it be until they get there? _____ days
 Rest stop! The family stops at a duck farm in Georgia for 48 hours to rest and get snacks. What's their new estimated travel time? _____ days
 Traveling nonstop is exhausting, especially with the kids. How long will the journey take if they make a one-hour stop every 200 miles and skip the duck farm? _____ hours
- At one rest stop, a mallard hen shares that she laid 12 eggs last year at her fall breeding grounds. If she lays 13 eggs for each of the next 2 years, and 7 eggs for each of the 2 years after that, how many eggs will she have laid in all 5 years combined? _____ eggs
- The Mallard Family will travel approximately 2,000 miles one-way to Jamaica. If they plan to go to Jamaica for five years, how many miles will they have traveled on round-trip migrations in 5 years? _____ miles

PART 2 Use the chart below to help the Mallards check the weather forecast to help them determine the best time to take flight and plan for the travel days ahead.

Daily Sky Conditions						
DAY	Clear	Cloudy	Head Winds	Rainy	Tail Winds	Snow/Ice
Monday	X				X	
Tuesday	X		X			
Wednesday		X	X	X		
Thursday		X		X		
Friday		X				X
Saturday		X			X	X
Sunday	X		X			

- On how many days will there be precipitation? _____
- For how many days will precipitation be frozen? _____
- How many days will be windy? _____
- How many days have favorable tail winds for migrating birds? _____
- How many days are cloudy? _____
- What is the best day to fly _____
- What is the worst day to fly? _____



Families, Join the Mallard Family on their fun-filled migration vacation to Jamaica! *Migration* is only in theaters December 22.



BIRD OBSERVATION



Head outdoors to observe birds! Document your observations below. Use resources provided by your teacher to help identify the birds you see!

PART 1 Complete the data below.

Date: _____ Time: _____ Location: _____

- Sky Conditions (sunny/clear, partly cloudy, cloudy): _____
- Wind (strong, light, calm/no wind): _____
- Temperature (hot, warm, cool, cold): _____

PART 2 Fill in the chart below as you observe birds. Things to look for as you watch:

- Field markings (colors of feathers, eyes, beak, and feet)
- Size (compare to other birds you know or to objects, like a can or a book)
- Behavior (what is the bird doing, where does it spend its time)
- Call/song (the sounds it makes)

Description or drawing of bird	Tally (write 1 each time you see the bird)	Total number of birds seen (add up all the 1s)



GWEN'S BIRD WATCHING TIPS

1. Find a good spot near trees, fences, or bushes. (You can watch indoors from a window, too.)
2. Wait for birds to come near you.
3. Stay quiet and calm.
4. Listen. Sometimes birds are heard before they are seen!
5. Be patient!

Families, Join the Mallard Family on their fun-filled migration vacation to Jamaica! Migration is only in theaters December 22.

WINGING IT



The Mallard Family wants to make some changes to their migration vacation itinerary!

PART 1 Read the clues below. Place an X inside the box that matches the Mallard Family member with the state abbreviation for their preferred stop.



Location clues:

- This Mallard does not want to venture too far and prefers to enjoy flying above the state where the Wright Brothers first took to the sky!
- This family member loves an adventure and longs to make a detour to the Pacific Flyway to visit the state with the longest coastline in the U.S. Will her partner agree to veer so far off course?
- This young Mallard wants to stop in this state on the Chesapeake Bay where Francis Scott Key wrote *The Star-Spangled Banner*.
- This young family member wants to visit the state where Thomas Jefferson wrote The Declaration of Independence. Will he have to compromise with his sibling?

State	Mack (dad)	Pam (mom)	Dax	Gwen
NC				
AK				
PA				
MD				

PART 2 Uncle Dan also wants to add his vote. Read the clues below to figure out what city on the east coast he wants to visit.

- It was originally called New Amsterdam.
- It is made up of five boroughs.
- About 25% of North America’s bird species can be found here.
- It has the world’s largest subway system.
- It’s home to the Statue of Liberty.

Where does Uncle Dan want to go? _____



Families, Join the Mallard Family on their fun-filled migration vacation to Jamaica! Migration is only in theaters December 22.

TAKE FLIGHT WITH

ILLUMINATION PRESENTS

MIGRATION

TRIVIA CHALLENGE!

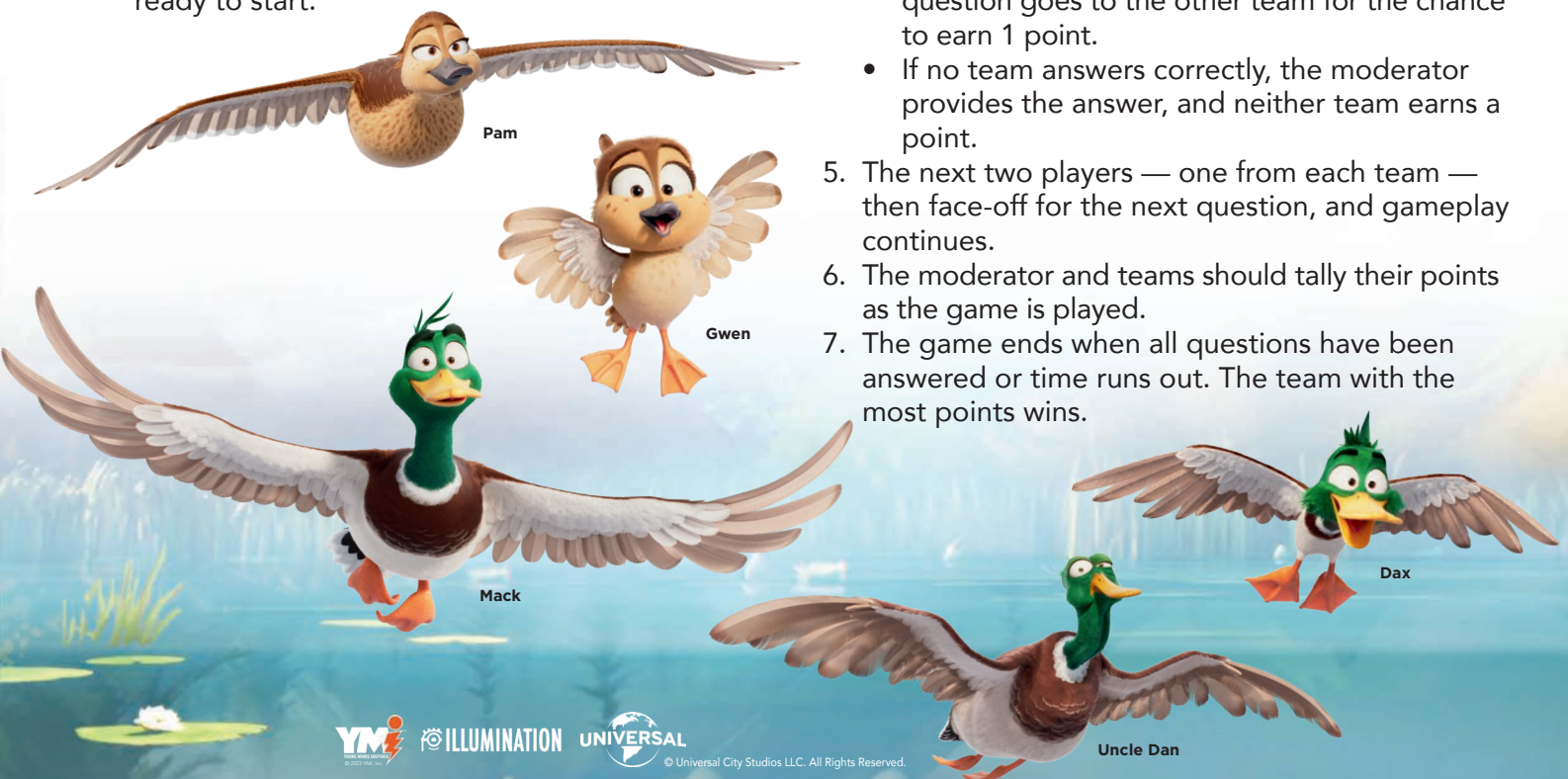
TEACHER INSTRUCTIONS

Challenge Set-Up

1. The trivia game is best played after students have completed the program activities; however, it may be played at any time throughout the unit. It is designed for grades 4-6 but may be played by younger students with adult assistance.
2. Review the directions and the list of questions and answers before you begin the game.
3. Explain that students will be playing a trivia game that tests their knowledge of facts about birds, migration, geography, and math.
4. Group students into two teams.
5. Determine who will be the moderator and read the clues and keep score. It might be you or a student.
6. Arrange two desks facing each other where two players will stand to answer a question, tapping on the desk to signal when they know an answer. The moderator should stand or sit facing the two players.
7. Explain game-play directions to students when ready to start.

How to Play – Game-Play Directions

1. The moderator will select a category.
2. A student from Team 1 and a student from Team 2 will “face-off” to strive to be the first to answer a question read by the moderator correctly.
3. The moderator will read the first question from the selected category.
4. When one of the students facing-off knows the answer, they tap the top of their desk to “buzz in” or signal that they are ready to answer, and then provide their answer.
 - If the answer is correct, their team earns 1 point.
 - If the answer is incorrect, the student from the opposing team in the face-off can provide an answer for the chance to earn 1 point for their team.
 - If neither player gets the correct answer, the question is posed to the teams. The team of the first student who buzzed in gets to try to answer first. If they get the correct answer, they earn 1 point. If they don't get the correct answer, the question goes to the other team for the chance to earn 1 point.
 - If no team answers correctly, the moderator provides the answer, and neither team earns a point.
5. The next two players — one from each team — then face-off for the next question, and gameplay continues.
6. The moderator and teams should tally their points as the game is played.
7. The game ends when all questions have been answered or time runs out. The team with the most points wins.



ILLUMINATION



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MIGRATION

TRIVIA CHALLENGE!

CATEGORY

MIGRATION FILM TRIVIA

(Movie Fun Facts)

Question 1: The Mallards have lived their whole lives at a pond in the northeast region of the United States. Consisting of six states, what is this region called?

Answer 1: New England

Question 2: The Mallard Family makes a stop in New York City. What famous landmark that was a gift from France could they get a bird's eye view of on their journey?

Answer 2: The Statue of Liberty

Question 3: The Mallard Family has some very close calls while flying through New York City. Lucky for them, these streetwise birds found in large numbers in cities around the world have their backs.

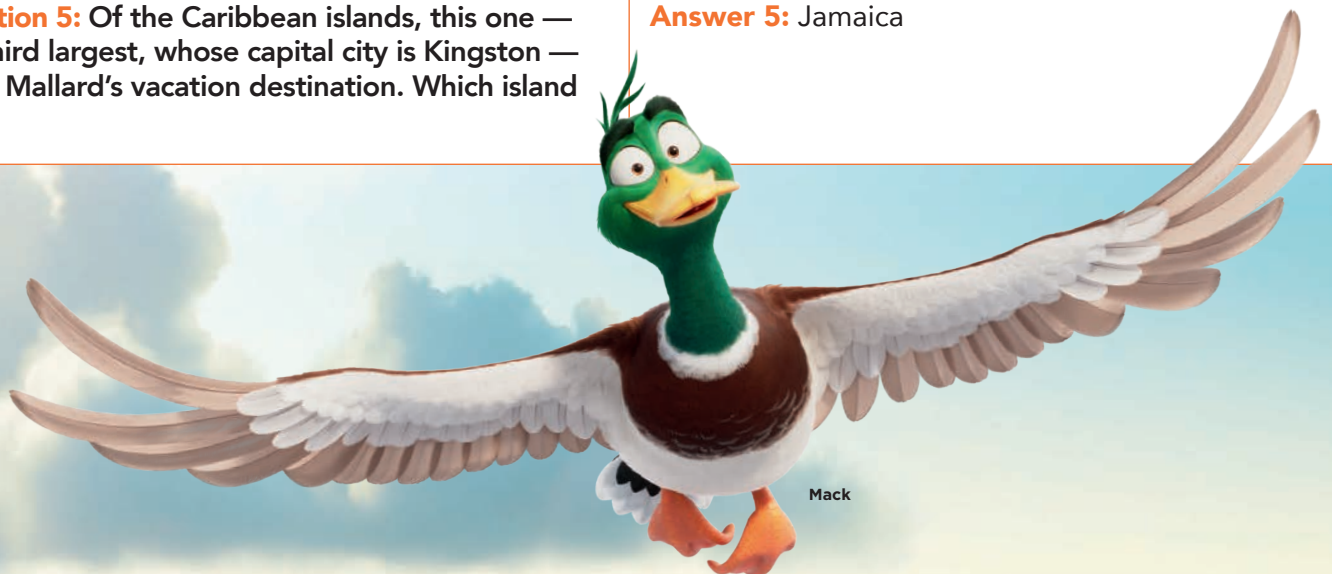
Answer 3: Pigeons

Question 4: Which of the following birds featured in *Migration* do NOT migrate: Mallards, pigeons, herons, red and blue macaws.

Answer 4: Pigeons and red and blue macaws

Question 5: Of the Caribbean islands, this one — the third largest, whose capital city is Kingston — is the Mallard's vacation destination. Which island is it?

Answer 5: Jamaica



MIGRATION

TRIVIA CHALLENGE!

CATEGORY

LET'S FLY!

(Migration Facts)

Question 1: In which direction do migrating birds fly for the winter?

Answer 1: South

Question 2: There are four major flyways for bird migration. Name two of them.

Answer 2: Atlantic, Central, Mississippi, and Pacific

Question 3: Which flyway, named for the ocean that borders the east coast of the U.S., do the Mallards take on their way to Jamaica?

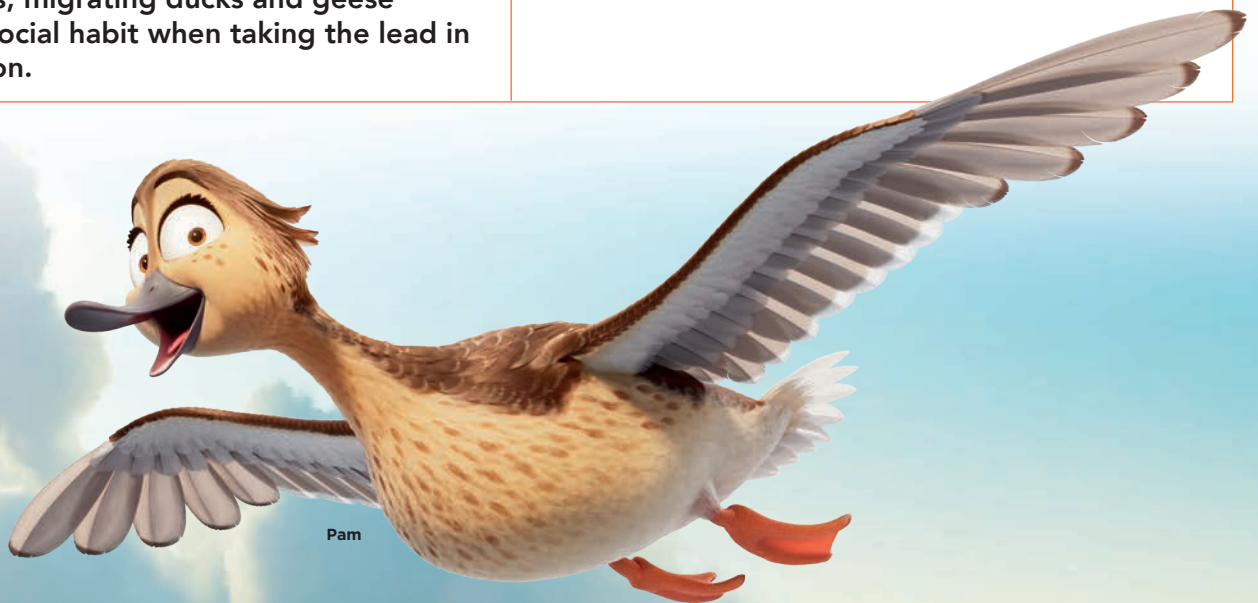
Answer 3: Atlantic Flyway

Question 4: Pam is overwhelmed by the beauty of migrating birds flying over the pond. She notices how they cooperate to coordinate this formation. What is the name of the formation?

Answer 4: V-formation

Question 5: Like a skill that humans learn by playing games, migrating ducks and geese practice this social habit when taking the lead in the V-formation.

Answer 5: They take turns.



MIGRATION

TRIVIA CHALLENGE!

CATEGORY

MALLARDS 101

(Migration Facts)

Question 1: Mallards don't dive under water for food. Instead, they do this.

Answer 1: Mallards *dabble*, or tip their heads forward into water, while pointing their tails in the air.

Question 2: Mack, Pam, Dax, Gwen, and Uncle Dan are the names we call the Mallard Family in *Migration*. What are the scientific names for male and female mallards?

Answer 2: Drakes (male); Hens (female)

Question 3: You would think this would be unpleasant for hens (female mallard ducks) when they make a nest for their eggs, but it does not hurt them. They do it instinctively to line the nest and make it soft for their ducklings.

Answer 3: Pluck some of their own feathers which they then use to line the nest.

Question 4: Which mallard makes the quacking sound – male or female?

Answer 4: Female mallards

Question 5: What distinctive feather marking can help you tell the difference between Pam and Mack Mallard, or between female and male mallards?

Answer 5: Mack (a drake) has a bright green feathered head and Pam (a hen) has a brown feathered head.



Uncle Dan

MIGRATION

TRIVIA CHALLENGE!

CATEGORY

BY THE NUMBERS

(Migration Math)

Question 1: Migrating birds fly at this range of speed, which is similar to the speed humans travel in cars.

Answer 1: 15 to 55 miles per hour (mph)

Question 2: If the Mallards fly at 50 mph, how many miles will they travel in 3 hours?

Answer 2: $50 \times 3 = 150$ miles

Question 3: Mallards swim between 4-6 mph. How long would it take for Dax to swim 18 miles at top speed?

Answer 3: $18 \div 6$ (top speed) = 3 hours

Question 4: Mack, Pam, Dax, Gwen, and Uncle Dan aren't always alone on their migration vacation. If there is 1 flock of 20 snow geese, 1 flock of 100 warblers, and 1 flock of 300 piping plovers, how many other birds in total are flying with them?

Answer 4: $20 + 100 + 300 = 420$ migrating birds

Question 5: How many total ounces of food will Dax consume if he eats the following? 2 aquatic plant roots (0.3 oz each), 1 worm (0.7 oz) and 5 berries (0.5 oz).

Answer 5: 1.8 ounces of food ($0.6 \text{ oz} + 0.7 \text{ oz} + 0.5 \text{ oz} = 1.8 \text{ oz}$)



Gwen

MIGRATION

TRIVIA CHALLENGE!

CATEGORY

TOGETHER WE CAN

(Help Birds)

Question 1: Colliding into windows of homes and buildings is a hazard birds face. What is one thing people can do to help prevent these collisions and save energy too?

Answer 1: Turn off lights at night.

Question 2: If you visit the beach during migration season with your dog, what should you do to keep nesting birds safe?

Answer 2: Keep your dog on a leash so that it doesn't chase nesting birds or eat their eggs.

Question 3: Uh-oh! If you leave this pet outside on a beautiful fall day, it might pounce on migrating birds. Remember to keep it indoors or in enclosed areas instead.

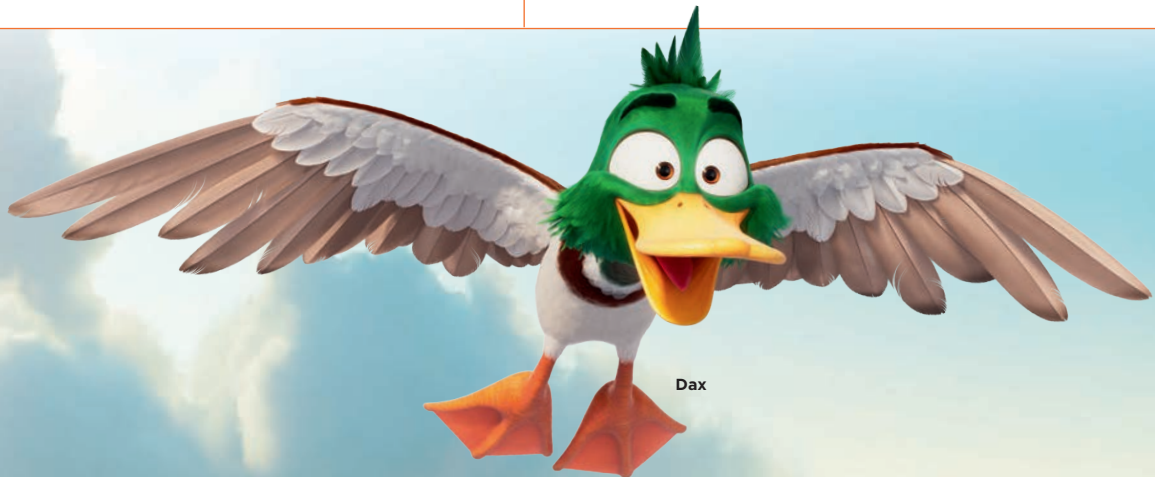
Answer 3: Cat

Question 4: If you leave this kind of pollution behind it ruins bird habitats for years because it doesn't break down naturally. Birds can also mistake it for food. What is it?

Answer 4: Plastic pollution

Question 5: What rule is important to remember about feeding wildlife?

Answer 5: Don't feed wildlife. Human foods can make them sick.



ILLUMINATION PRESENTS

MIGRATION

TRIVIA CHALLENGE!

CATEGORY

JUST FOR FUN

(Complete the Bird Idioms)

Question 1: Birds of a feather...

Answer 1: flock together

Question 2: Bird's eye...

Answer 2: view

Question 3: A little birdie...

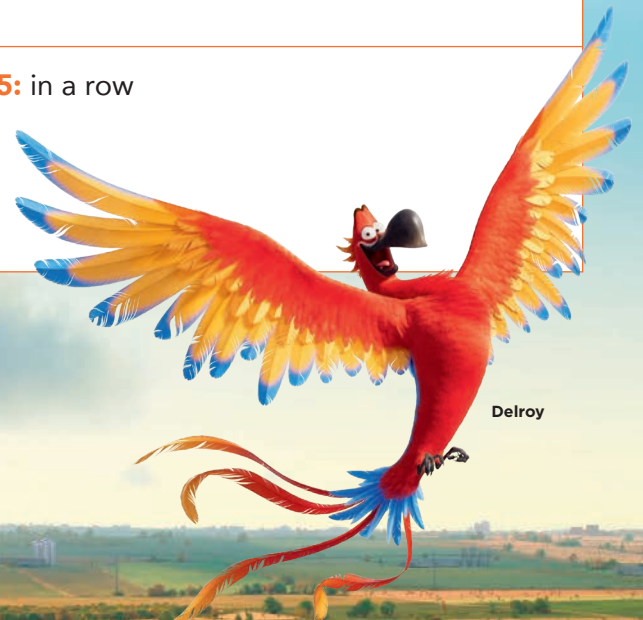
Answer 3: told me so

Question 4: The early bird...

Answer 4: catches the worm

Question 5: Get your ducks...

Answer 5: in a row



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for a special
discount
ticket offer.

TAKE FLIGHT WITH

ILLUMINATION PRESENTS

MIGRATION

Dear Parents and Guardians,

With a classroom program inspired by the new animated Illumination film, *Migration*, your child has been learning about birds and migration, and that they, too, can grow and change by working together. Ask your child to share some fun new facts they've learned! Then, keep the fun going with the activities below.

Let's Fly

Let the Mallard Family lead the way. Check out the **Let's Fly** interactive digital quiz with your child to test your migration knowledge: ymiclassroom.com/migration.

Adventure Together!

Have some family fun talking about your own fictitious migration vacation! At dinner or during a car ride, have each family member answer the following questions:

- Where would you go on a migration vacation?
- What are two places you would stop along the way to rest or for sightseeing?
- If you could only pack 5 things, what would you pack?
- What type of bird do you think would give the best travel advice?
- If you could join the Mallards on their migration vacation to Jamaica, would you go? Why or why not?
- What would be fun about flying with the Mallards?
- Who do you think you'd meet traveling with the Mallards?

Let your imaginations soar!

Birds of a Feather Observe Together!

Make bird-watching a family activity! It's fun and it encourages your child's focus and observation skills. You can even participate in community science by submitting your observations into bird migration databases, such as eBird, Project Feeder Watch, and the Great Backyard Bird Count. Find out more about these opportunities at [The Cornell Lab of Ornithology at birds.cornell.edu/home/citizen-science-be-part-of-something-bigger](https://birds.cornell.edu/home/citizen-science-be-part-of-something-bigger).

ABOUT MIGRATION

This holiday season, Illumination invites you to take flight into the thrill of the unknown with a funny, feathered family vacation like no other in the new action-packed, original comedy, *Migration*. The Mallard Family is in a bit of rut. While dad Mack is content to keep his family safe paddling around their New England pond forever, mom Pam is eager to shake things up and show their kids — teen son Dax and duckling daughter Gwen — what else is out there in the world. After another migrating duck family lands on their pond with thrilling tales of far-flung places, Pam persuades Mack to embark on a family trip to tropical Jamaica. As the Mallards make their way south for the winter, their well-laid plans quickly go awry. The experience will inspire them to expand their horizons, open themselves up to new friends, and accomplish more than they ever thought possible, all while teaching them more about each other — and themselves — than they ever imagined. Check out the trailer at www.migration.movie.



ILLUMINATION



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Gather your flock to see *Migration* in theaters over the holidays.

Special Offer: Buy 3 tickets and get 1 FREE

(while supplies last)

Go to <https://www.fandangomovietickets.com/ymispecialoffer/> for details.

Desplácese hacia abajo para obtener una oferta especial en la compra de boletos.

LEVANTE VUELO CON

ILLUMINATION PRESENTS

MIGRATION

Estimados padres y tutores:

Gracias a un programa para el aula inspirado por la nueva película de animación de Illumination, ¡Patos! (*Migration*), su hijo estuvo aprendiendo sobre las aves y la migración, y que ellos también pueden crecer y cambiar si trabajan juntos. ¡Pídale a su hijo que le cuente cosas divertidas que haya aprendido! Luego, diviértanse juntos con las siguientes actividades.

¡A volar!

Dejen que la familia Mallard les muestre el camino. Vea el cuestionario digital interactivo **¡A volar! (Let's Fly)** con su hijo para poner a prueba sus conocimientos sobre la migración de aves: ymiclassroom.com/migration.

¡Tengan una aventura juntos!

Diviértanse en familia hablando sobre unas vacaciones imaginarias a nuevos destinos. Durante la cena o un paseo en auto, cada integrante de la familia debe responder las siguientes preguntas:

- ¿A dónde irías en unas vacaciones para conocer nuevos lugares?
- ¿En qué dos lugares te detendrías en el camino para descansar o visitar?
- Si solo pudieras empacar cinco cosas, ¿qué llevarías?
- ¿Qué tipo de ave crees que podría dar los mejores consejos sobre viajes?
- Si pudieras unirte a los Mallard en su aventura a Jamaica, ¿irías? ¿Por qué sí o por qué no?
- ¿Qué sería divertido de volar con los Mallard?
- ¿A quién crees que conocerías viajando con los Mallard?

¡Dejen volar la imaginación!

¡Observación de aves en familia!

Observen aves en familia. Es divertido y mejora las habilidades de concentración y observación de su hijo. Incluso pueden participar en proyectos de ciencia de la comunidad enviando sus observaciones a bases de datos sobre migración de aves, como e-Bird, Project Feeder Watch y The Great Backyard Bird Count. Conozca más sobre estas oportunidades en el Laboratorio de Ornitología de la Universidad de Cornell en birds.cornell.edu/citizen-science-be-part-of-something-bigger.

SOBRE PATOS! (MIGRATION)

En esta temporada de fiestas, Illumination los invita a levantar vuelo hacia lo desconocido con unas vacaciones familiares inigualables llenas de diversión (y plumas) en la nueva comedia original repleta de acción: ¡Patos! (*Migration*). La familia Mallard está atascada en la rutina. Mientras que el papá Mack está satisfecho con mantener a la familia segura en su estanque de Nueva Inglaterra para siempre, la mamá Pam busca un cambio y quiere mostrarle a sus hijos – su hijo adolescente Dax y su pequeña hija Gwen – qué más hay por ver en el mundo. Después de que otra familia de patos migrantes aterriza en el estanque con historias emocionantes de lugares lejanos que visitaron, Pam convence a Mack de embarcarse en un viaje familiar hasta la tropical Jamaica. A medida que los Mallard vuelan al sur para pasar el invierno, los planes rápidamente comienzan a complicarse. La experiencia los inspirará a ampliar sus horizontes, abrirse a nuevos amigos y lograr más de lo que creyeron era posible, todo eso mientras aprenden más unos de otros (y de ellos mismos) de lo que habían imaginado jamás. Vea el avance en www.migration.movie.



Reúna a su bandada para ver ¡Patos! (*Migration*) en los cines durante las fiestas.

Oferta especial: Compre 3 boletos y obtenga 1 GRATIS
(hasta agotar existencias)

Visite <https://www.fandangomovietickets.com/ymispecialoffer/> para obtener detalles.

ILLUMINATION PRESENTS

MIGRATION

JOIN THE MALLARD FAMILY FOR AN AMAZING JOURNEY!

Many birds migrate from one place to another twice a year to find food and a safe habitat for breeding. You may have seen them flying overhead in the spring and fall. In North America, birds migrate along one of four "flyways." Use the map to learn more!



UNCLE DAN



DAX



GWEN



PAM



MACK



Pacific Flyway

Where: Alaska to South America

Species examples: Rufous Hummingbird, Western Tanager

Pacific Flyway

Central Flyway

Where: Canada to Central and South America

Species examples: Sandhill Crane, Cedar Waxwing

Central Flyway

Mississippi Flyway

Where: Canada to the Gulf of Mexico

Species examples: Bullock's Oriole, Snow Goose

Mississippi Flyway

Atlantic Flyway

Where: Canada to the Caribbean

Species examples: Mallard, Piping Plover

Atlantic Flyway



FACTS ABOUT MALLARDS!

- Male mallards (drakes) have green head feathers. Female mallards (hens) have brown head feathers.
- Only female mallards quack! Males make a quiet, rasping sound.
- Mallards are omnivorous. That means they eat both plants and animals.
- Mallards live almost everywhere — North America, Asia, Europe, Australia, and Africa.

Join the Mallard Family for a fun-filled migration vacation to Jamaica! *Migration* is only in theaters December 22.