Teacher:		Grade Level(s): 1 <sup>st</sup> -6 <sup>th</sup>	
Time: 1 hour		Author: Saraiya Kanning, revised by Michelle Coe	
Next Generation Science Standards:	<b>K-LS1-1</b> . Use observations to describe patterns of what plants and animals (including humans) need to survive. <b>1-LS1-2</b> . Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. <b>3-LS4-3</b> . Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. <b>MS-LS2-2</b> . Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.		
Enduring Understandings: Content Objective:	some move to new locat some die. Students will learn about	nent changes some organisms survive and reproduce, ions, some move into the transformed environment, and migratory animals and how to make sensory vill write a poem about their observations.	

Vocabulary	Materials
Migration	"Observation on the Return of Migratory Birds"
Poetry	by Camille T. Dungy
Habitat	

Seasonality: Monarch migration from Canada to Mexico begins during Autumn. Monarchs return						
during Spring.						
Monsoon	Autumn	Winter	Spring	Dry Summer		

Dec.-Feb.

Mar.-Apr.

May-June

July-Sept.

Oct.-Nov.

**Engage:** <u>Guiding Question</u>: What kinds of animals migrate? Where do they migrate? How do they migrate? Why do they migrate? When do they migrate? Have students ever seen a migratory creature? Do humans migrate? Where from and where to? Migration is *the seasonal movement of animals from one region to another*.

As students converse with each other, share images of migratory creatures and tell some brief stories about migratory species; examples include whales, monarchs, caribou, and cranes.

**Explore:** Give each student a copy of Camille T. Dungy's *Observations on the Return of Migratory Birds* (listed below). Invite them to highlight or underline parts that they like or that make them curious as you read the poem out loud. Read it twice. Ask students to share what they underlined. What words caught their attention?

Lead a discussion on the word "observation". <u>Guiding Questions</u>: What is an observation? How and what do we observe? What observations does Camille make about birds?

**Explain**: Today we will be writing poems about Tucson migratory species, the monarch and the bat, in a similar format as the one Camille T. Dungy uses. Did you notice any patterns in the way Dungy's poem is written? What local migratory species could we write about? Use the whiteboard or projector screen to make a word cloud as a class that is centered on migratory species in your area.

**Elaborate**: Students will use the template below to write individual poems. Each student should have a handout and fill it in with their ideas. The instructor can walk them through each one, projecting pictures on the board. As they finish up, let students know that we will be sharing our poems. Give them time to think about anything they might want to change or add. Do they want to write a part 2 to the poem (a sequel)?

**Evaluate**: Invite students to read their poem aloud to the class. Discuss with the class the sensory details that students have included and work on student-led positive feedback.

#### Excerpt:

#### **Observation on the Return of Migratory Birds**

I record each arrival. Early and late the birds are returning. The blue jay, March 1. Pigeons and robins, the week before my birthday.

I am only here, in this last week of April, seeing chickadees

wing back and gather nesting. I need the eye I am when I am witnessing this small and songful resolution, feathered collations ledge-perched, tufted shadows

skimming our alley's cobbles and then gone

and then back again. When these flitters return to my block of the black ward one morning and stay on into the evening, always, I notice, I smile.

Camille T. Dungy

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Camille T. Dungy

## Observations on Tucson Migrations

(or another title here:)	
I record each arrival.	
The monarchs are returning	
(what time of day?)	
(Where do you see the monarch returning?)	
(What is the monarch doing?)	
Long-nosed bats in April,	
(Where do you see the bats? What are they doing that surprises you?)	
(What sound are they making? What does it remind you of?)	
Buffelgrass, from	
(What does it feel like? Use a simile.)	
(	

(What does this grass make you think about?)

Always, I notice.