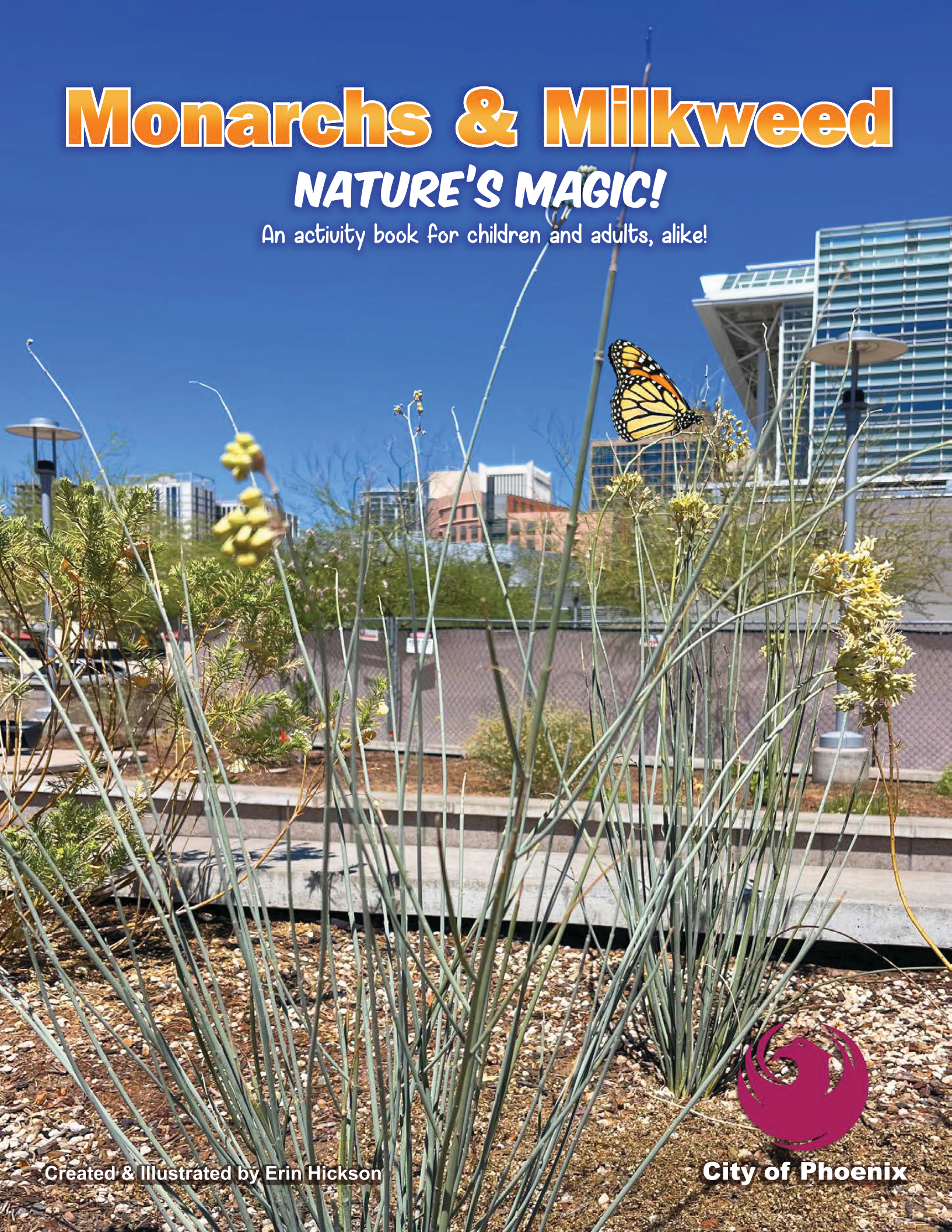


Monarchs & Milkweed

NATURE'S MAGIC!

An activity book for children and adults, alike!



Created & Illustrated by Erin Hickson

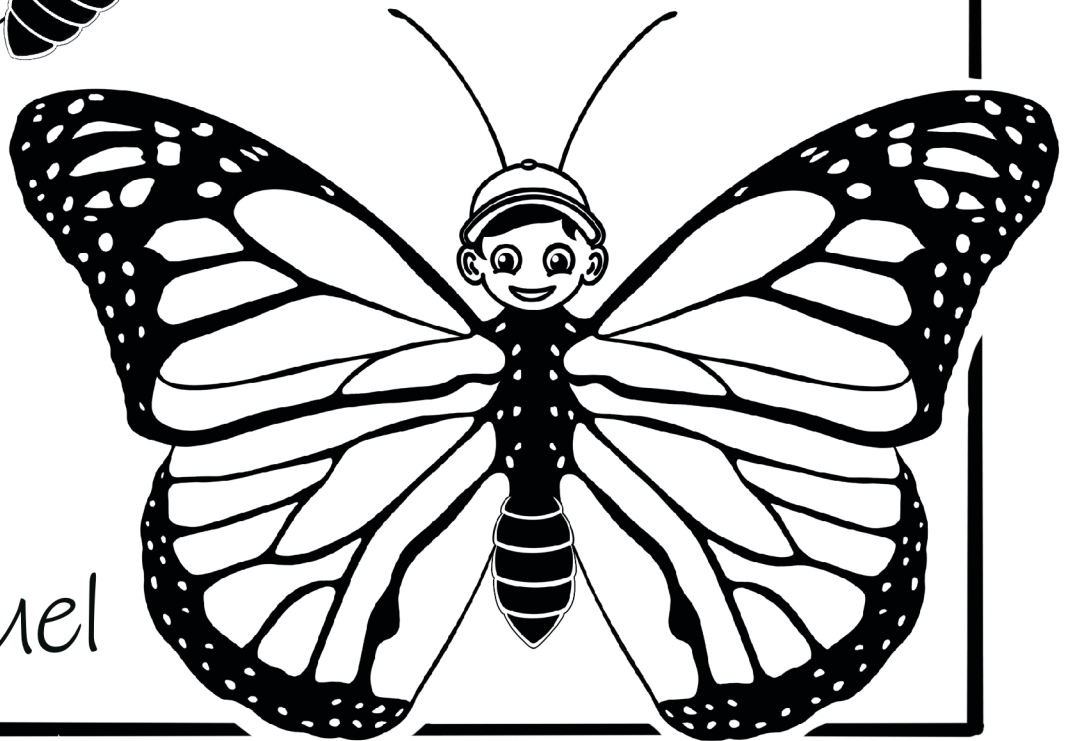


City of Phoenix

Meet the City of Phoenix Monarch Butterfly Ambassadors



Monica



Miguel

Monarch butterflies are pretty cool and we're glad you have this book so you can have some fun with our monarch ambassadors, Monica and Miguel!



Monarch butterflies start out as a tiny egg about the size of a grain of sand!

Did you know? Female monarch butterflies can lay 300-500 eggs in less than 5 weeks!

When the eggs hatch, a tiny caterpillar emerges and starts to grow. This is a butterfly's larval stage.



Did you know? Monarch caterpillars only eat milkweed plants.

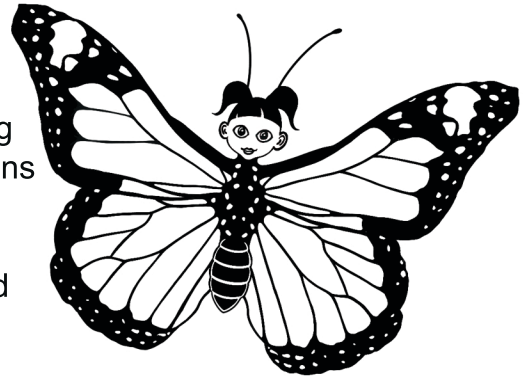


If it doesn't have milkweed, it can't grow up to become a butterfly.

When the caterpillar is ready, it forms a chrysalis that encloses its whole body as it changes to a butterfly. This is called metamorphosis.



Monarch butterflies migrate in the Spring and Fall. They live for about one month during Spring migration, laying eggs along the way. This migration north takes multiple generations of butterflies to complete. The Fall generation of monarch butterflies live for many months as they migrate south to Mexico or coastal California to spend the winter. This generation typically won't lay eggs until it's time for Spring migration.



Did you know? The monarch butterflies who migrate south in the Fall have never been to Mexico or coastal California but still find their way!

In Phoenix, monarch butterflies pass through during migration. We can help this species and lots of other pollinators with just a few simple actions:

- * Plant native milkweed like desert (rush) milkweed or Arizona milkweed
- * Plant our beautiful Sonoran Desert flowers like pink fairduster, desert lavender, black foot daisy, desert marigold, or chocolate flower
- * Protect your monarch garden by avoiding the use of pesticides as much as possible
- * Protect the flowers! Trim your monarch plants when the flowers aren't blooming.

Did you know? The chocolate flower is called that because the flowers have a faint smell of delicious chocolate!

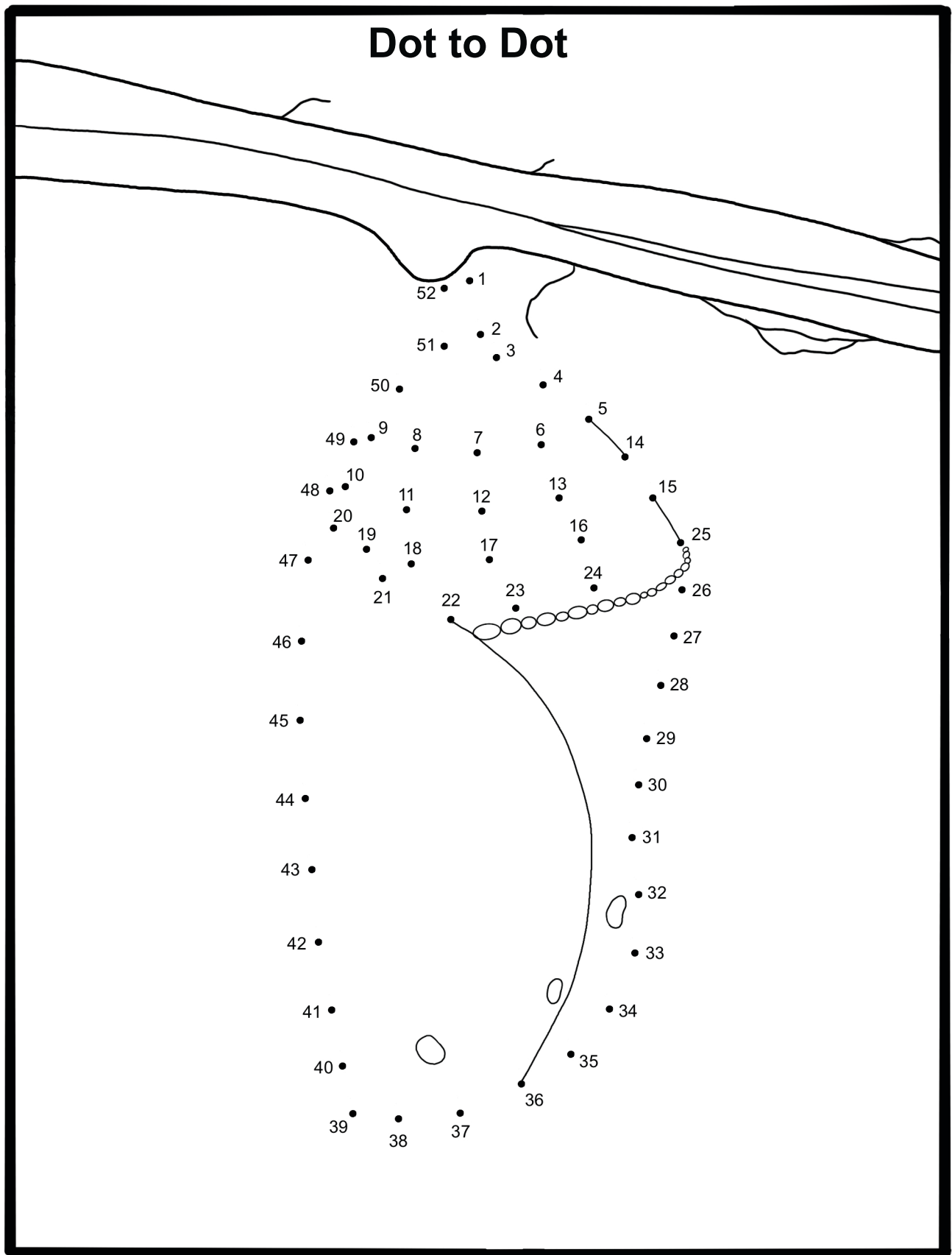
Working together, we can help monarch butterflies and make our spaces beautiful!

Find out more at www.phoenix.gov/oep/monarch



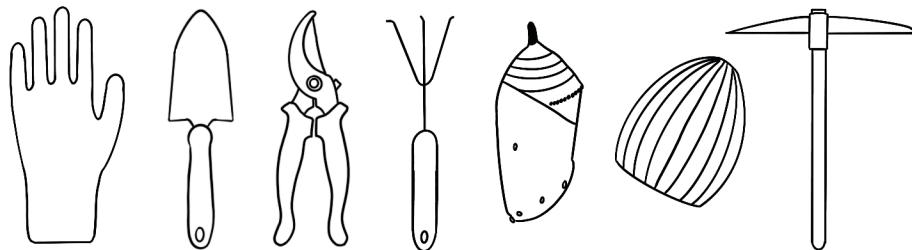
Monarch caterpillars only eat milkweed. Without this plant, this species cannot survive.

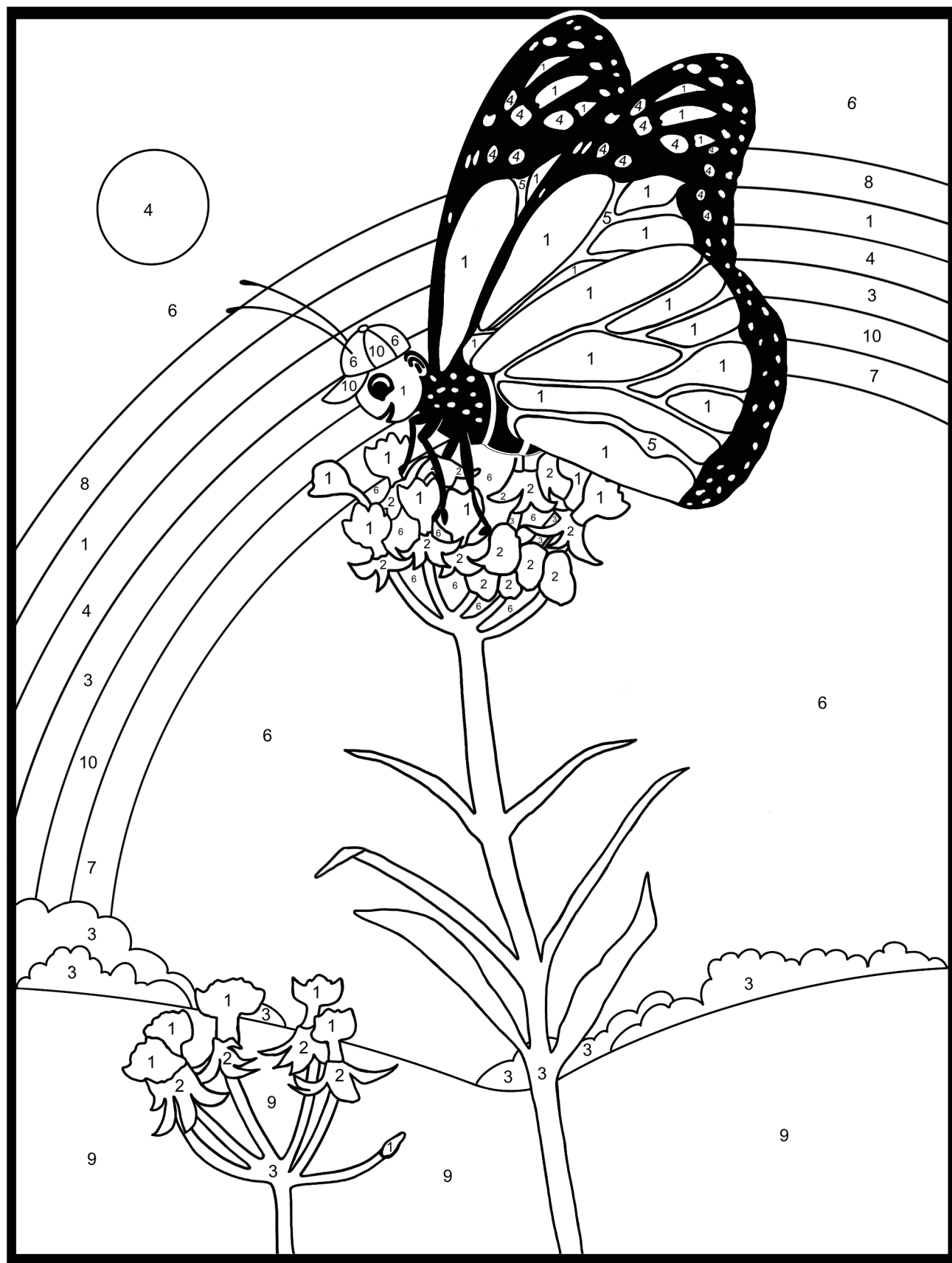
Dot to Dot



Connect the dots, then color the image. Do you know what this is a picture of?

Your actions can help the monarch butterfly Survive and Thrive!

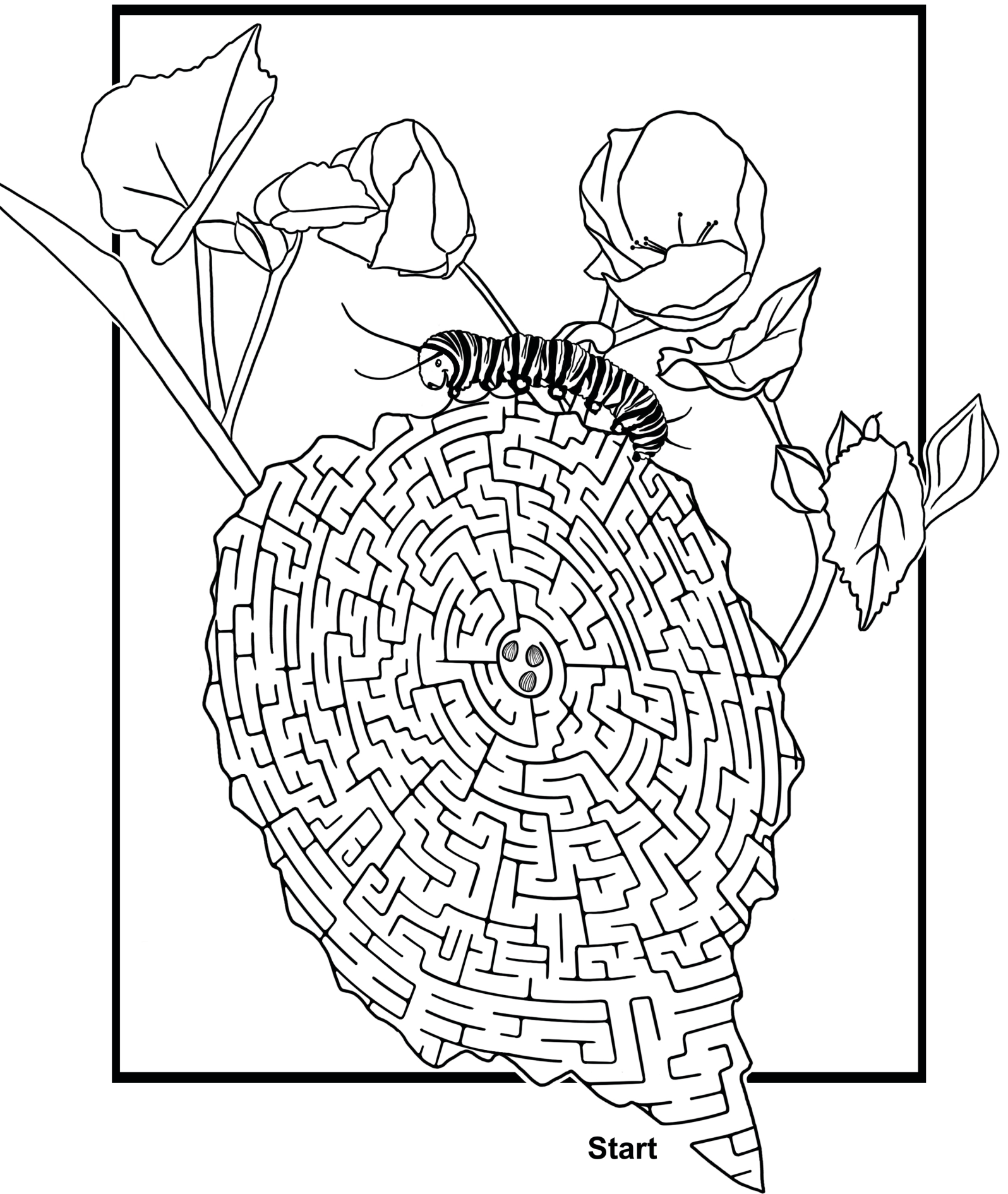




Color by Number

- | | | | | |
|----------|----------|--------------|----------|---------------|
| 1 Orange | 3 Green | 5 Brown | 7 Purple | 9 Light Green |
| 2 Pink | 4 Yellow | 6 Light Blue | 8 Red | 10 Dark Blue |

Plant and protect native Sonoran Desert plants to help the monarch butterfly and lots of other cool wildlife.





Find the Differences

Hint: There are 10 differences.

Even one or two potted milkweed or nectar plants on an apartment balcony can help!



Pollinators are critical for our Sonoran Desert plants and for the food we eat.

MONARCH WORD SEARCH



Find the words in the puzzle.
Words can go in any direction.
Words can share letters as they cross over each other.

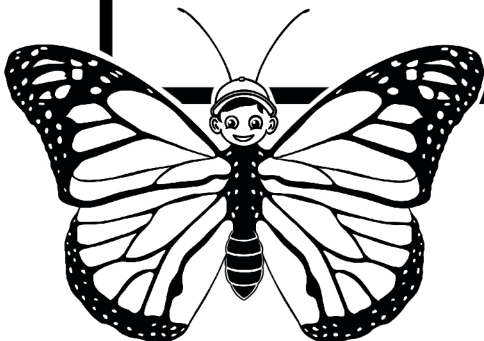
L	C	X	X	S	R	T	S	L	R	M	S	T	N	E	X	W	Y	M	W
C	P	H	J	A	A	N	F	U	K	Q	O	X	H	T	O	F	C	V	H
M	H	E	R	T	B	Y	F	I	X	Q	E	N	B	A	N	T	M	U	Q
B	C	Q	I	Y	D	L	O	M	Q	Y	W	S	A	N	A	Z	L	N	T
D	U	B	F	J	S	R	R	X	B	Q	R	A	Z	R	Z	W	B	O	N
P	A	Z	E	Y	E	A	I	Q	X	X	R	O	S	E	C	H	U	V	M
H	K	M	S	T	T	R	L	S	B	J	F	F	M	B	X	H	T	M	Q
P	U	B	T	E	W	K	A	I	C	F	B	I	A	I	B	Q	T	Y	V
M	D	U	C	Y	U	Q	F	L	S	E	G	B	J	H	V	U	E	H	H
A	L	Z	Q	Z	H	Q	T	R	L	R	X	V	W	R	P	R	R	A	L
F	M	T	W	Q	G	Y	M	M	A	I	Z	C	P	O	K	S	F	H	L
D	M	R	J	A	A	I	I	T	A	X	P	B	C	X	K	J	L	D	X
Y	O	J	A	Z	G	G	I	B	L	Q	J	R	F	I	N	D	Y	L	I
R	N	Z	Y	U	L	O	W	S	T	P	T	C	E	E	K	N	J	Z	U
A	I	Q	E	D	N	C	O	N	S	E	R	V	A	T	I	O	N	W	H
T	C	L	D	K	G	D	Z	A	X	B	O	H	W	W	A	E	M	O	F
C	A	M	E	T	A	M	O	R	P	H	O	S	I	S	R	C	M	S	F
E	K	B	O	H	H	M	U	R	C	F	F	U	M	K	H	T	R	H	N
N	S	Q	I	R	G	S	M	S	G	G	E	D	E	E	W	K	L	I	M
B	N	Q	A	Q	Z	Y	G	A	N	B	J	N	S	A	T	C	A	U	A

Butterfly
Eggs
Metamorphosis
Molt

Caterpillar
Flutter
Migration
Monarch

Chrysalis
Habitat
Miguel
Monica

Conservation
Hibernate
Milkweed
Nectar





City of Phoenix



**OFFICE OF
ENVIRONMENTAL
PROGRAMS**

www.phoenix.gov/oep/monarch