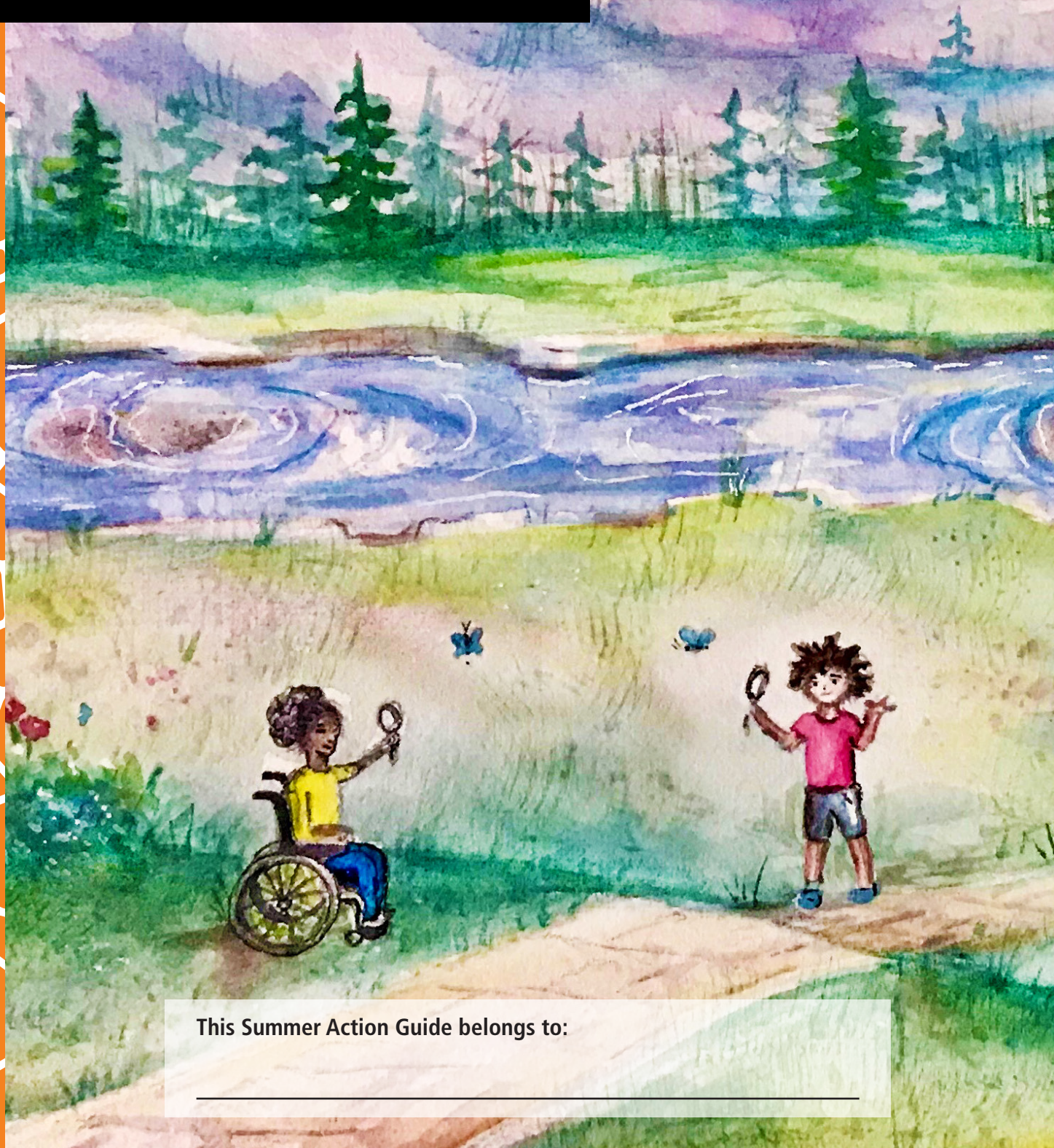




The  
Seattle  
Public  
Library

# Explore Your World

2019 Summer of Learning



This Summer Action Guide belongs to:

---

what are you  
**Reading This  
Summer?**



Books, audio books, comics, graphic novels, poems, magazines, instruction booklets, recipes, reading to others and being read to—it all counts for your reading activity on page 4-5!

List your favorites below:


# directions on How To Play!

## english

Instructions for the reading activity on pages 4-5:

1. Make your own reading goal! We suggest reading 20 minutes a day.
2. Color in one square each day you read.
3. After you color in 10 squares, come to the library for a prize!
4. Read anything you want! You may also listen to someone read or tell stories aloud.

## chinese

关于阅读活动的说明请见第 4-5 页：

1. 请您自行制阅读目标！我们建议每天 20 分钟。
2. 阅读当天给一个方块填色。
3. 填满十个方块后，可以来图书馆领取奖品！
4. 您可以阅读任何内容！您也可以聆听其他人 大声朗读或讲故事。

## amharic

ከገጽ 4-5 ስላሉት የንባብ ልምምዶች መመሪያ፡

1. የራስዎን የንባብ ግብ ይፍጠሩ! በቀን ለ20 ደቂቃ እንዲያነቡ ምክር እንሰጣለን።
2. በሚያነቡበት በእያንዳንዱ ቀን አንድ አራት ማዕዘን ይቀሩ።
3. 10 አራት ማዕዘኖችን ከቀሩ በኋላ ለሽልማት ወደ ቤተ-መጻሕፍቱ ይምጡ!
4. የሚፈልጉትን ያንብቡ! አንዳንድ የሚነበቡ ወይም ድምጽ ከፍተኛ የሚተረኩ ታሪኮችን ሊያዳምጡ ይችላሉ።

## tigrinya

ነቲ ኣብ ገጽ 4-5 ዘሎ ናይ ንባብ ንጥፊት ዝምልከቱ መምርሒታት፡

1. ናይ ግዛእ ርእሰኩም ናይ ንባብ ሽቶ ኣድልዉ! ከም ርእቶ ኣብ መዓልቲ 20 ደቂቕ ይኹን ንብል።
2. ኣብ ነፍሲ ወከፍ መዓልቲ ብኣዲ ርቡዕ ኩርናዕ ነቲ ተንብብዎ ኣሕብርዎ።
3. እንድሕር 10 ርቡዕ ኩርናዕ በጺሕኩም ብልጫ ክትወስዱ ናብ ቤት ንባብ ምዱ!
4. ዝደለኩም ኣንብቡ! ንኣዲ እንዳንበበ ዓውኢሉ ክነግር ክትሰምዕዎ ትክእሉ ኣኩም።

## lushootseed

ǎǎc ʔə tiil ʔuxǐd ʔə ti sukʷəš ʔal tə buus pipa txʷəl cəlac:

1. huyudəxʷ cəxʷ kʷi ʔadsgʷaʔ adǎǎc ʔə t(i) adsukʷəš! ʔuxǎcǎd cǎl kʷəš cəxʷ txʷəl salǐʔaǎciʔ dʔəǎl ʔə kʷi slǎǎl.
2. ǎladəxʷ cəxʷ ti dǎcʷuʔ wəqʷəb ʔal kʷi bəkʷ slǎǎl ʔukʷəš cəxʷ.
3. laqbid ʔə kʷ(i) adsuǎlad kʷi padac wəqʷəb cəxʷə ʔǎl txʷəl ti dxʷtulalikʷalʔtxʷ txʷəl kʷi sʔabadəb!
4. kʷəšǎd cəxʷ kʷi ʔadsgʷaʔ adǎǎc! gʷəluud cəxʷ kʷi gʷat ʔukʷəš gʷəl gʷəluud cəxʷ kʷi gʷat ʔuxʷiʔǎwiʔabəb.

## spanish

En las páginas 4 y 5 se encuentran las instrucciones para la actividad de lectura:

1. ¡Póngase sus propias metas de lectura! Sugerimos que dedique 20 minutos por día.
2. Cada día que lea, coloree un cuadro.
3. Luego de colorear diez cuadros, ¡venga a la biblioteca a buscar su premio!
4. ¡Lea lo que más le guste! También puede escuchar a alguien que lea o cuente historias en voz alta.

## vietnamese

Hướng dẫn về hoạt động đọc ở trang 4-5:

1. Lập mục tiêu đọc cho riêng mình! Chúng tôi gợi ý quý vị nên đọc 20 phút mỗi ngày.
2. Tô vào một ô vuông mỗi ngày quý vị đọc.
3. Sau khi đã tô đủ mười ô vuông, hãy đến thư viện nhận giải thưởng!
4. Đọc bất cứ truyện nào quý vị muốn! Quý vị cũng có thể nghe ai đó đọc hoặc lớn tiếng kể lại các câu chuyện.

## somali

Tilmaamaha hawlaha akhriska ku qoran baggaga 4-5:

1. Samayso yoolkaaga wax akhrinta! Waxaanu soo-jeedinaynaa inaad akhriso 20 daqiiqo maalintii.
2. Midabee hal laba jibbaar maalin kasta oo aad akhrido.
3. Kadib markaad midabbayso 10 laba jibaaran, u imoow maktabadda abaalmarin!
4. Waxaad rabto akhri! Waxaad sidookale dhagaysan kartaa qaar ka midah akhriska ama kor ugu dhawaaqi kartaa sheekooyinka.

## oromo

Ajajoota sochii dubisuu fuula 4–5 irra:

1. Dubbisuu kaayyoo dhuunfaa kee godhu! Nutti guyyaatti daaqiiqaawwan 20 gorsinna.
2. Halluu rogarfee tokko itti godhi guyyaa dubbistu kamuu.
3. Rogarfeewwan kudhaniin yoo halleessiteen booda, badhaasaaf gara mana kitaabaa kootu!
4. Waan barbaadu kamuu dubbisi! Ati tarii nama seenaa yookiin waan si olkaasee dubbisu dhaggeeffadhu.

# summer Reading Fun!

Meet your goal and enter to win a membership to the new Burke Museum! See your librarian for details.

chinese

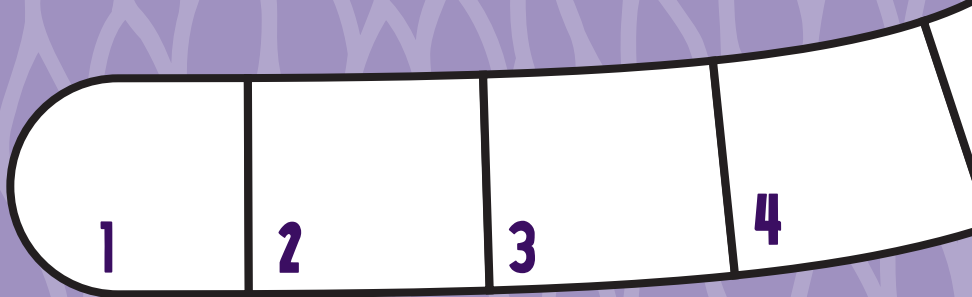
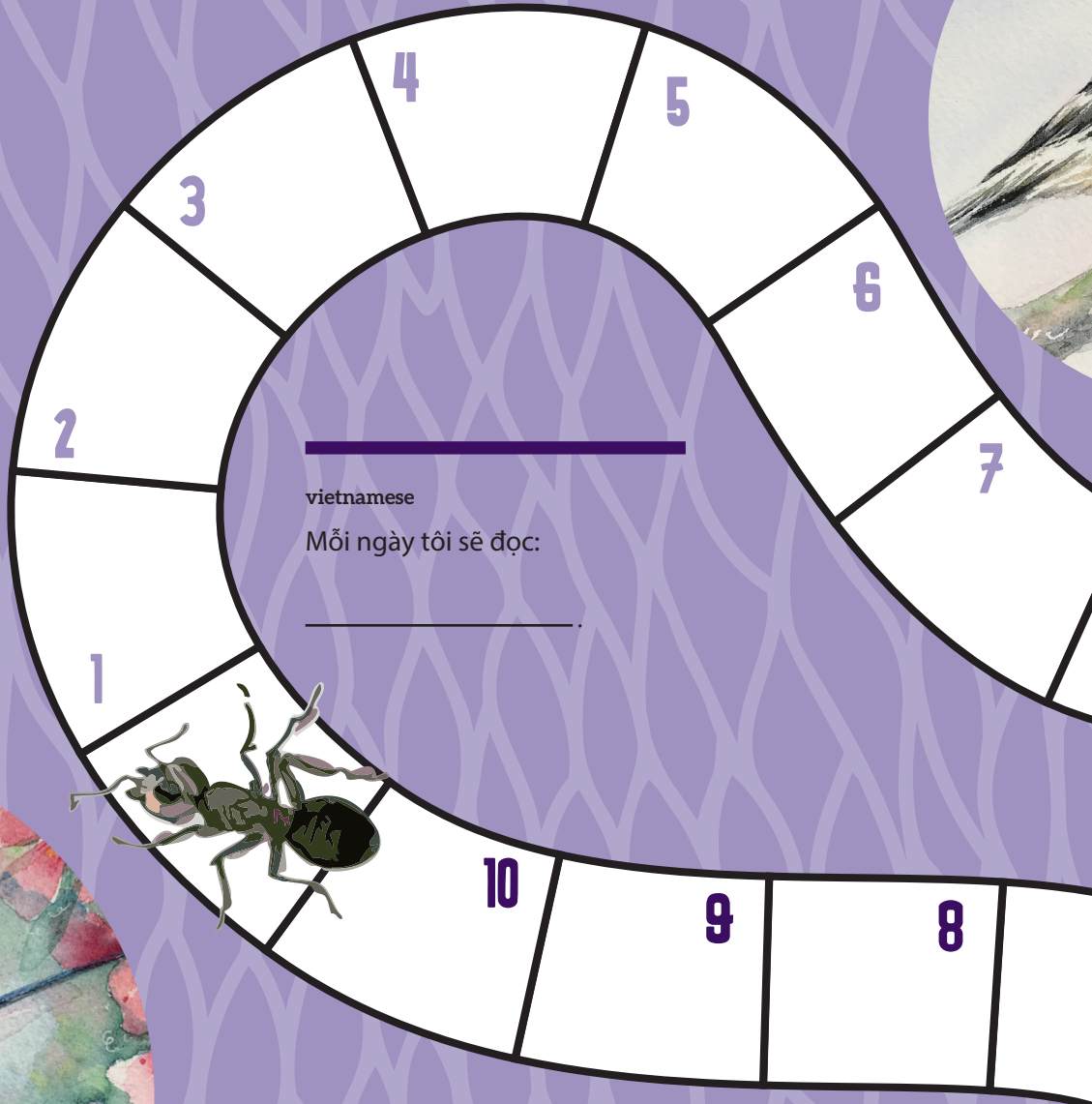
我每天都会阅读:

\_\_\_\_\_

amharic

በእያንዳንዱ ቀን እኔ የማነበው:

\_\_\_\_\_



somali

Maalin kasta waan akhriyi doonaa:

\_\_\_\_\_



oromo

Ani nan dubbisa guyyaa hundaa:

\_\_\_\_\_

english

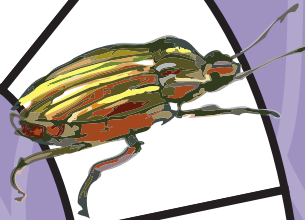
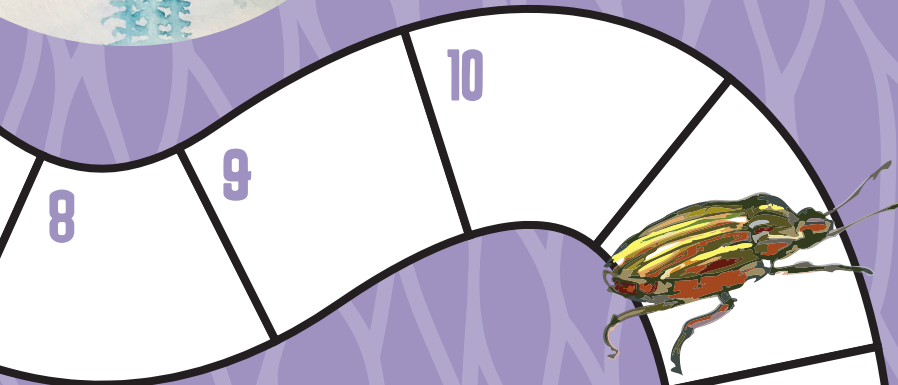
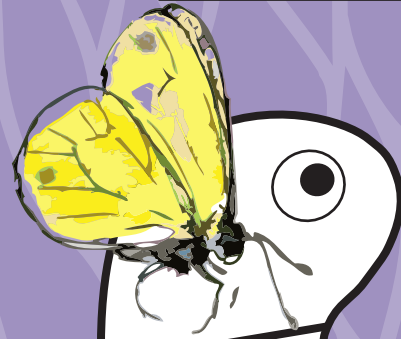
Every day I will read:

\_\_\_\_\_

tigrinya

ኩሉ መዓልቲ ከንብብ እየ:

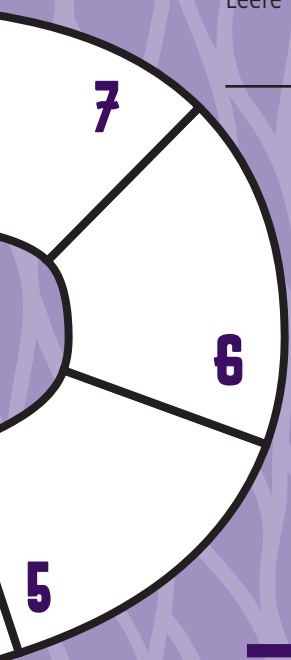
\_\_\_\_\_



spanish

Leeré todos los días:

\_\_\_\_\_



lushootseed

bək<sup>w</sup> sləx̩il čəd tək<sup>w</sup>əš:

\_\_\_\_\_

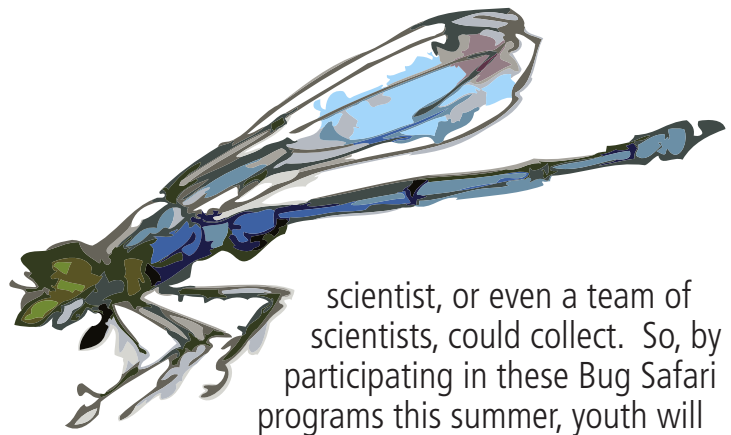


## check out **Bug Safari!**

---

This summer, the library will feature librarian-led hands-on Bug Safari workshops, for youth ages 9 and up, as a part of our programming! Using games, art, science activities, storytelling and the iNaturalist app, we'll get outside, explore nature and contribute to meaningful science research all summer long!

Citizen Science, also called Community Science, is a global project in which scientists and the general public work together to answer some of the most important questions about our planet. Many big scientific questions require more data, or information, than one single



scientist, or even a team of scientists, could collect. So, by participating in these Bug Safari programs this summer, youth will contribute to the iNaturalist database of observations. By participating in Bug Safari and community science, everyone can learn do science and make valuable contributions to research!

Bug Safari was developed by California Academy of Science and many thanks to the staff at the Woodland Park Zoo for librarian training and support.



## **Read More about** observing nature, and actively participating in community science:

---

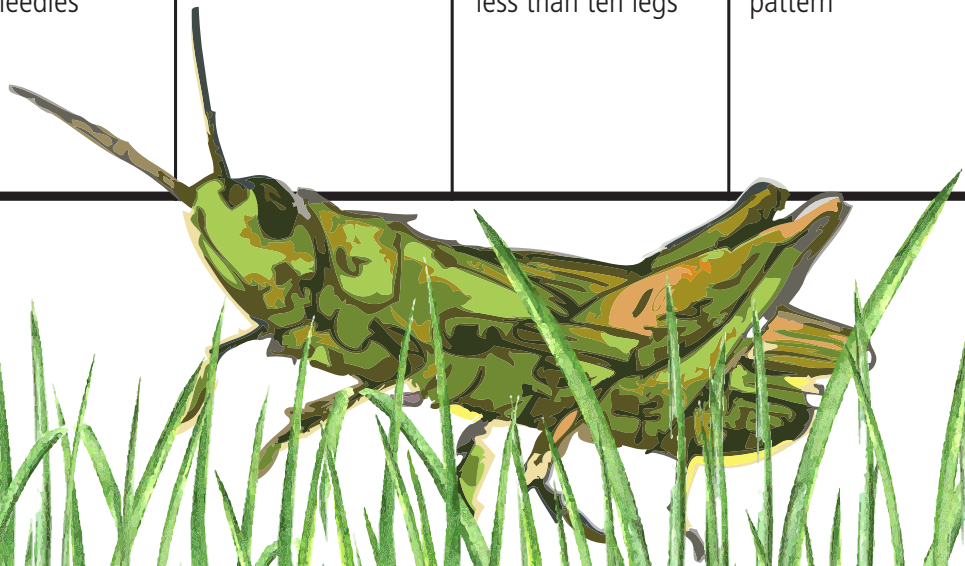
- *Bat Citizens: Defending the Ninjas of the Night* by Rob Laidlaw
- *Bug Lab for Kids: Family-Friendly Activities for Exploring the Amazing World of Beetles, Butterflies, Spiders, and Other Arthropods* by John W. Guyton
- *Citizen Scientists: Be a Part of Scientific Discovery from Your Own Backyard* by Loree Griffin Burns, photographs by Ellen Harasimowicz
- *Counting Birds: The Idea That Helped Save Our Feathered Friends* by Heidi E.Y. Stemple, illustrated by Clover Robin
- *Galápagos Girl / Galapagueña* by Marsha Diane Arnold, illustrated by Angela Dominguez
- *Insect Detective* by Steve Voake, illustrated by Charlotte Voake
- *The Monarchs Are Missing: A Butterfly Mystery* by Rebecca E. Hirsch



# backyard BINGO!

What can you find in the world around you? Check the box for each thing you can find! How many boxes did you check? Did you make a "BINGO!" by checking a full row, column or diagonal section?

Something shaped like a triangle	Something growing on another living thing	Something hard	Something that is yellow	Something that can change colors
Something with more than six legs	Something that's camouflaged, or blends into the background	Something with big wings	Something taller than you	Something that smells bad
Something dead	Something with a shell	<b>FREE SPACE</b>	Something that is slimy	Something with flowers
Something that smells good	Something that is soft	Something that lives underground	Something with roots	Something that flies
Something round	Something with green needles	Something alive	Something that has less than ten legs	Something with a pattern



# field guide observation

## Find the Arthropods!

### What's an Arthropod?

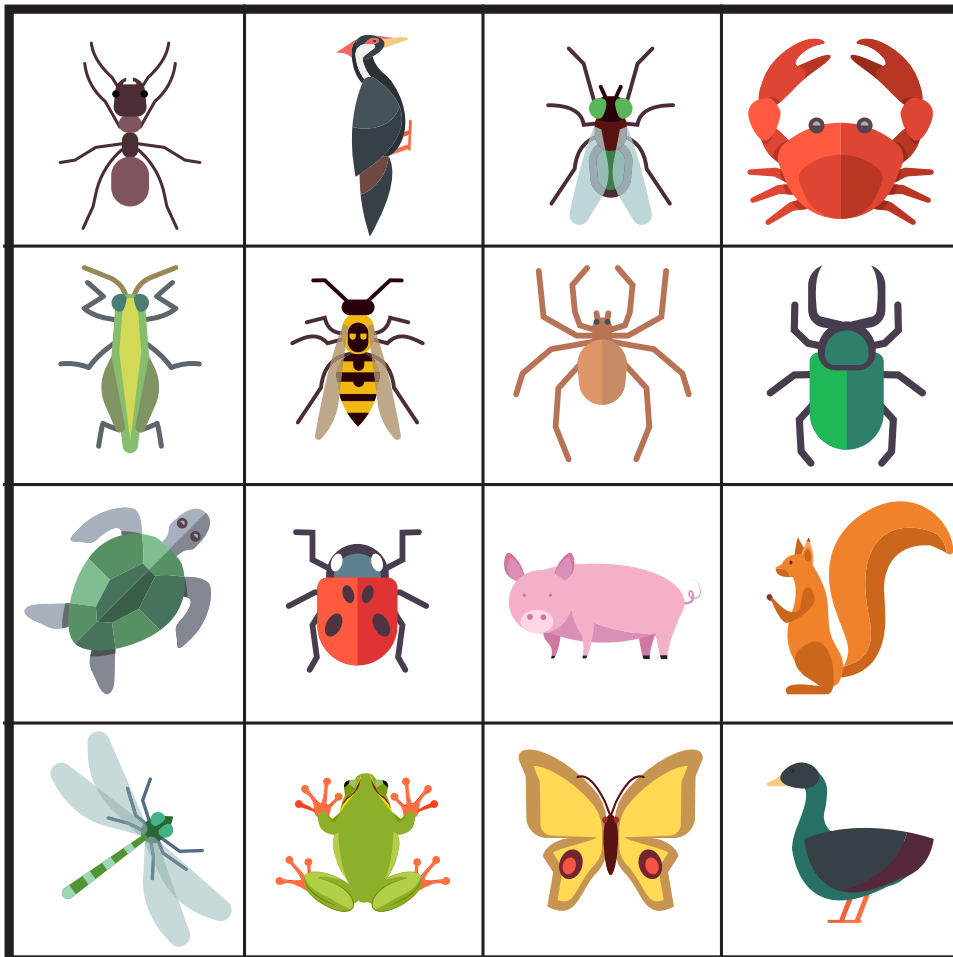
Arthropods:

- Have a **segmented body**, meaning a body that is made up of more than one part. Spiders have two segments and flies have three segments.
- Have **jointed legs or limbs**. Spiders have 8 legs and millipedes can have hundreds!

- Have an **exoskeleton**. An exoskeleton is skeleton on the outside-like armor – it protects its body. Arthropods are invertebrates, which means they don't have a backbone, like humans do.
- Are **cold blooded**, which means their body temperature depends on the temperature in the environment around them.

Arthropods include spiders, insects, centipedes, mites, ticks, lobsters, crab, shrimp, crayfish, krill, barnacles, scorpions and many others!

Circle the arthropods below. How many did you find?



Answers on page 23.



yum.... bugs!

# Entomophagy 101

Entomophagy means the practice of eating insects! People from all over the world eat bugs – they are high in protein! Here are some arthropods that can be eaten and how to cook them!

## Warning:

Cook bugs before you eat them to remove germs and parasites and to improve the flavor. Be sure to have a parent or adult to help you out if you are cooking bugs!



### Grasshoppers & Crickets

#### How to eat them:

Remove and discard wings, legs, and head (entrails should come with); Dry roast with pan or skewer and roast over flame.



### Ants

#### How to eat them:

Capture many and put in water. Boil for six minutes. Or eat them raw making sure they are dead so they don't bite.



### Termites

#### How to eat them:

Roast them in a dry pan. You want these critters cooked up crispy.



### Grubs

#### How to eat them:

Skewer lengthwise with a long stick, cook over an open flame until skin is crispy.



### Stinkbugs

#### How to eat them:

Soak in water for 5-10 minutes to remove stink then roast for a while in a dry pan.



### Potato Bugs

#### How to eat them:

Drop in boiling water for a while. Be sure they're thoroughly cooked.

Also called "roly polie", pill bugs, wood lice



# Spot the Differences!

---

Circle the 6 differences in the second picture, on page 11.  
Answers on page 23.



**Read more about**  
exploring nature &  
observing critters in  
your neighborhood:

---

- *Backyard Detective: Critters Up Close* by Nic Bishop
- *Curious Kids Nature Guide: Explore the Amazing Outdoors of the Pacific Northwest* by Fiona Cohen, illustrated by Marni Fyelling
- *Finding Wild* by Megan Wagner Lloyd, illustrated by Abigail Halpin



- *Hidden City: Poems of Urban Wildlife* by Sarah Grace Tuttle, illustrated by Amy Schimler-Safford
- *Look Up! Bird Watching in Your Own Backyard* by Annette LeBlanc Cate
- *Summer Walk* by Virginia Brimhall Snow

- *100 Bugs! A Counting Book* by Kate Narita, illustrated by Suzanne Kaufman
- *Bird Watch* by Christie Matheson
- *Flashlight* by Lizi Boyd
- *A Web* by Isabelle Simler

## you could be a **Beekeeper!**

---

The West Seattle Bee Garden is in the High Point Commons P-Patch – and visitors are welcome anytime! Watch the bees fly in and out of their hives, enjoy the pollination garden, and read up on educational facts about these amazing creatures. [adapted from westseattlebeegarden.com]



## **Meet Sarah** an 11-year-old bee enthusiast at the West Seattle Bee Garden:

---



### **What do you do at the West Seattle Bee Garden?**

We have demonstrations for kids and adults to help them learn more about bees.

### **How did you become interested in bees/beekeeping?**

When I was five, my neighbor Lauren inspired me to help build the Bee Garden. From then on I was fascinated by bees.

### **Why do you think bees are so important?**

Bees and other pollinators move pollen from flower to flower. Without bees there wouldn't be any strawberries, cherries, apples, blueberries, carrots, almonds or many other foods – and of course, honey.

### **What's the most surprising thing you've learned from working with bees?**

All the bees work together and only the queen lays eggs.

### **What's your favorite thing about working with bees?**

I love watching the bees fly from flower to flower.

### **Do you have any advice for other kids who want to help take care of bees?**

Don't be afraid of them. They are very gentle creatures and provide us with lots of food. They take care of us, so we should take care of them. So come to the Bee Garden this summer!



## to find out more about bees:

- *The Bee Book* by Charlotte Milner
- *National Geographic Kids: Bees* by Laura Marsh
- *What on Earth? Bees* by Andrea Quigley, illustrated by Pau Morgan
- *What's the Buzz? Keeping Bees in Flight* by Merrie-Ellen Wilcox

## word puzzle about bees:

Circle the words in the puzzle from the list below.

- |           |        |
|-----------|--------|
| ARTHROPOD | HONEY  |
| BEEKEEPER | NECTAR |
| BEEES     | QUEEN  |
| BUMBLE    | STING  |
| COLONY    | SUMMER |
| FLOWER    | WINGS  |
| GARDEN    | WORKER |
| HIVE      | YELLOW |

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

Answers on page 23.

# The Yesler Big-Brained Superheroes Club: Making Space for Nerdy Fun



The Big-Brained Superheroes Club at Yesler Community Center does all kinds of STEAM (Science, Technology, Engineering, Art and Math) projects and activities, but the club's main goal is to be positive and productive. Whether they're filming local wildlife in their native habitats, creating recycled robotic ocean creatures, or teaching about electronics at events around Seattle, Big-Brained Superheroes are always working to live by their oath - to try hard, be kind, and have fun – building a much kinder, nerdier, more imaginative world, one Big-Brained Superhero at a time!



**"This isn't any standard program. This program it is not run by adults. The kids run the program..."**

**Muz, age 11**



**"We do nerdy things here."**

**Fatima, age 10**






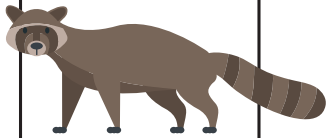

**"The best thing I like about the Big Brains is the positive vibe it has. The people are very kind and respectful toward each other, which is really cool. The Big Brains provides us with the tools we need and gives us projects to build new things. I learn something new everyday when I come here."**

**Mohamud, age 15**

# Help the Ladybug!

Help the ladybug find a safe route through the garden while practicing your computer coding skills. Circle the arrows below to "program" the ladybug's safe path from start to finish.



<p><b>Start</b></p> 			
			
			
		<p><b>Finish</b></p>	

## Start

Step 1: → ↓ ← ↑

Step 2: → ↓ ← ↑

Step 3: → ↓ ← ↑

Step 4: → ↓ ← ↑

Step 5: → ↓ ← ↑

Step 6: → ↓ ← ↑

Step 7: → ↓ ← ↑

## Finish

Answers on page 23.

# Seattle Teens Take On Climate Change

Seattle Youth Climate Action Network, at Woodland Park Zoo, empowers teens to address climate change through education, leadership and action. Meet two teens who are working with SYCAN to make a difference!

## Nicole Gonzales, 16-year-old SYCAN Youth Leadership Team member

### Why did you become involved in SYCAN?

I became involved in SYCAN because of my interest in social and environmental justice. I especially wanted to join SYCAN because of the diversity within it.

### What's your favorite thing about working with SYCAN?

My favorite thing in SYCAN is getting to work with a group of diverse youth that care about the same issues that I do.

### What's the most important (or most surprising) thing you've learned by participating in SYCAN?

The most important thing I've learned from being in SYCAN is that everyone has a value and a voice. We are a group of teenagers working together through advocacy and movement.

### Do you have any advice for kids who want to help address climate change?

My advice for other inspired youth is that no matter what their background is, or where they come from, they have the power to make a change in this world. Everyone starts somewhere.

### Anything else you'd like to share about your experiences with SYCAN?

SYCAN has been such a wonderful opportunity for me to expand my growing edge and work with other empowering leaders. It has truly been a great experience for me.







## Takiyah W., 17-year-old SYCAN Youth Leadership Team member

### Why did you become involved in SYCAN?

In the tech group you work on the technology aspects like the website and film, while the event planning group planned the climate change events we do. But when not working on that we are learning of ways to teach others about climate change and what they can do to change their life to help fix climate change.

### What's your favorite thing about working with SYCAN?

Besides making a change with SYCAN, my favorite thing about the program was meeting and getting to know the other youth leaders and adult supervisors. The group was like another family to me. We were all laughs even when we were trying to get work done. That was my favorite part of SYCAN, getting another family.

### What's the most important (or most surprising) thing you've learned by participating in SYCAN?

The most important thing was I learned to be a leader. I was always doing things for my school that could be considered as leadership programs but I knew everyone that I talked to. But with this program I learned how to lead people that I have never met before.

### Do you have any advice for kids who want to help address climate change?

Take small steps at first don't just jump in with full force...talk with your family and friends first before you go and talk with people who you don't know well. But you could change your own lifestyle before changing others' lifestyles.

### Anything else you'd like to share about your experiences with SYCAN?

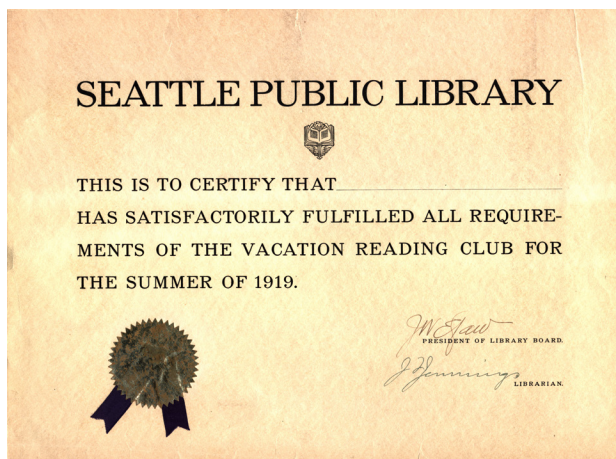
It was fun and I plan on keeping in contact with the rest of the group. Although I only knew them for half a year I feel like I knew them for years. I hope that anyone that wants to do this program does and that they enjoy it and that they become a family like I did with my group.



# We're celebrating 100 Summers of Learning in 2019!



## Take our Trivia Challenge.



### 1919:

Vacation Reading Club is started by Miss Gertrude Andrus, the head of the children's department. Children read 10 books from different authors and give oral book reports to the librarian. Those who complete the ten reports are presented certificates at school assemblies in September.

### 1932, 1933, 1934:

There was no Vacation Reading Club.

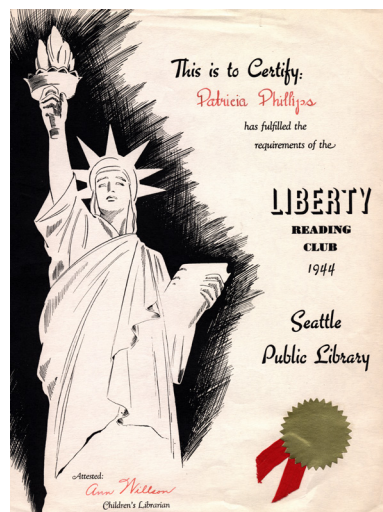
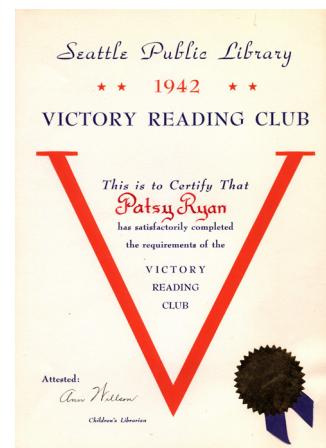
**What worldwide event was happening at this time?**

### 1942:

Victory Reading Club:

**What was the United States involved in at this time?**

Also at this time: 120,000 citizens and residents of Japanese descent were forced into internment camps as of February-May 1942, and SPL librarians were visiting their patrons in the temporary camp at the Puyallup Fair grounds aka Camp Harmony.



**1944:** Liberty Reading Club: D-Day was June 6

**1954:** Channel 54 Presents: Your Favorite Books on Review  
The Seattle TV monopoly was overturned and new channels started broadcasting.

## 1955:

No summer reading club! The library system was short staffed and missing four librarians.

## 1958:

By Rocket To Adventure: NASA was founded in 1958.

## 1969:

Spacewalkers:  
**What happened in the summer of 1969?**



## 1976:

Freedom Readers:  
**What happened 200 years before this?**

## 1989:

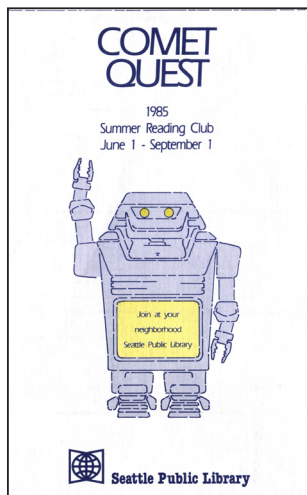
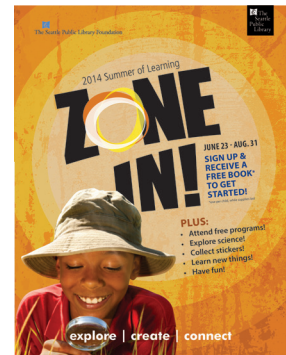
The Washington Connection:  
**How old did Washington State turn this year?**

## 1984:

Summer Reading Decathlon:  
**What big sporting event was this summer?**



2014: Zone In:  
The Summer of Reading was expanded into the Summer of Learning!



## 1985:

Comet Quest :  
**What flew by Earth in early 1986?**



## 2017:

Blast Off To Space:  
**What celestial event happened that summer?**

Answers on page 23.

# Keep a Bug Log

Bug scientists are called entomologists. You could be one when you grow up! No need to wait though. Become a bug expert today!

**Here's how:** Go outside! Lift up a log or look underneath a rock. Choose a bug you love and fill out the bug log below.



## Bug 1:

Your Bug's Name:

Location:

Length:

Number of Legs:

Number of Wings:

Bug Colors:

Food:

## Bug 2:

Your Bug's Name:

Location:

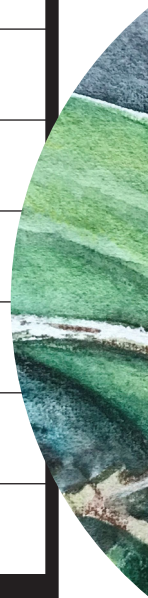
Length:

Number of Legs:

Number of Wings:

Bug Colors:

Food:



# Kids: Tell us what you think!

We want to hear from you! Cut out this portion and return to any location of The Seattle Public Library for a small prize!



**Age:**

**School:**

**Question 1:** What do you like best about this summer action guide?

**Question 2:** What do you not like about this summer action guide?

**Question 3:** What would you like to see in next summer's action guide?



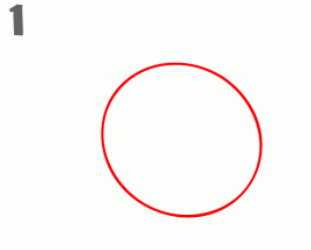
**Question 4:** What did you learn/observe this summer?

# Draw a Ladybug!

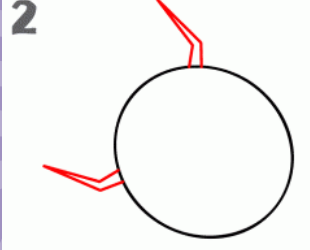
Here are some fun facts about the ladybug you might find interesting.

- A ladybug is a brightly colored beetle found in temperate and tropical regions throughout the world.
- Ladybugs are often red or orange with black, white, or yellow spots.
- Ladybugs feed on other insects which usually destroy crops such as aphids. That's why ladybugs are often thought of as lucky!

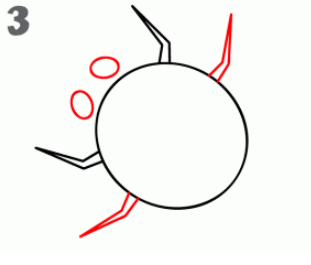
Draw a circle to create the main body.



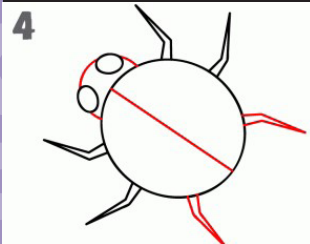
Draw the first of the legs.



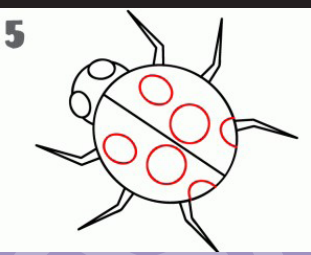
Start the eyes and the second set of legs.



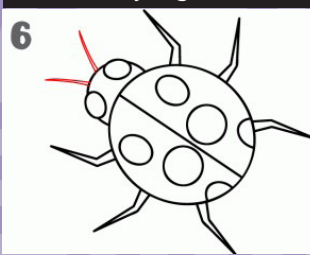
Finish the head, add some body detail and the 3rd set of legs.



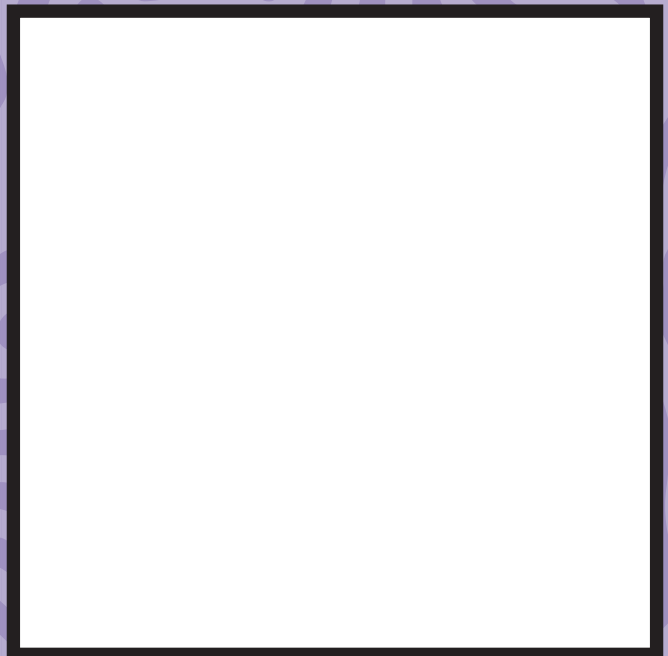
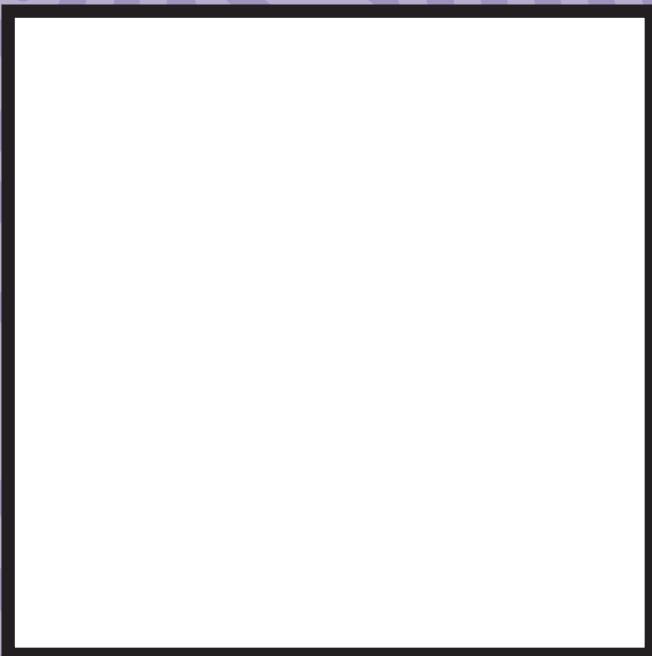
Add the body spots.



Add the antennae to complete the drawing of the Ladybug.



Practice here



# Answers

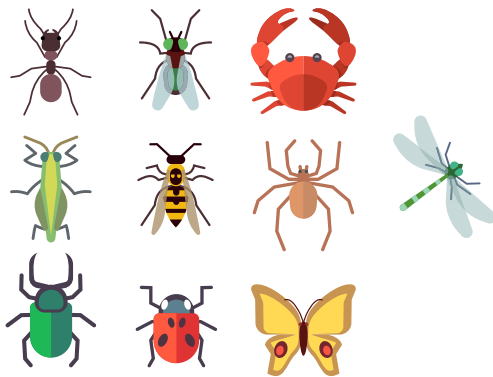
## Spot the Difference:



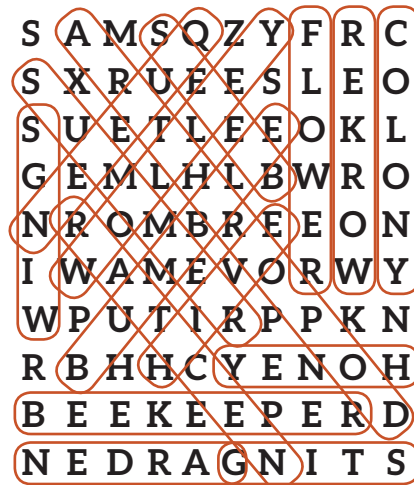
## Help the Lady Bug:

- Step 1: ➡
- Step 2: ➡
- Step 3: ⬇
- Step 4: ➡
- Step 5: ⬇
- Step 6: ⬇
- Step 7: ⬅

## Find the Arthropods:



## Word Puzzle:



## Trivia Challenge Answers:

1. **1932, 1933, 1934:** The Great Depression
2. **1942:** World War II
3. **1969:** astronauts Buzz Aldren and Neil Armstrong walked on the moon.
4. **1984:** The summer Olympics were held in Los Angeles, CA.
5. **1985:** Halley's Comet
6. **1989:** Washington State turned 100 years old on Nov. 11, 1989.
7. **2017:** The Great North American Eclipse



Proudly sponsored by

The Seattle Public Library Foundation



## Artists Acknowledgments

- Yessica Marquez** Artwork for the children's action guide, bookmarks, and t-shirts
- Susanna Gowing** "Spot the Difference" illustration in the summer action guide
- Barry Johnson** Artwork for the teen bookmarks, book bingo card and t-shirts

For more information about these artists, go to [www.spl.org/SummerOfLearning](http://www.spl.org/SummerOfLearning).

## Native Land Acknowledgement

The Seattle Public Library would like to acknowledge that we are on Indigenous land, the traditional territories of the Coast Salish people.

*ʔəskʷədiiṭəb ʔə tiit Seattle Public Library tʰəl dxʷʔačəł ʔal tiit swatixʰtəd ʔə tiit tʰəlšucid ʔaciṭtalbiṣʷ tul'al tudi? tuhaʔkʷ.*

## Share with us:

Parents! Share your family's library experience this summer on social media: #SPLsummer @SPLbuzz

## EXPERIENCE THE NEW BURKE MUSEUM

Opening this fall on the UW Seattle campus!

**Bring your action guide to the Burke and receive FREE, one-time admission** for two people, November 1, 2019 – January 31, 2020. Pre-registration recommended at [burkemuseum.org](http://burkemuseum.org). See [www.spl.org/SummerOfLearning](http://www.spl.org/SummerOfLearning) for offer details.



*Proud partner of The Seattle Public Library Summer of Learning Program*

