CITIZEN SCIENCE CHECKLIST

Bean Life Science Museum

Complete 10 challenges and bring your list to the museum to get a sticker! Complete 20 challenges and bring your list to the museum to get a patch!

*It may be helpful to designate a notebook as an observation journal to record your findings.

- 1. Identify at least 4 different bird species.
 - o Here are some birds you might see:







Black-capped Chickadee



Mallard



American Robin



Black-billed Magpie



Canada Goose



Mourning Dove

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2	Learn 2 hird calls.			

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I completed this challenge: _____

3. Find a bird's nest and observe it from a distance (It is very important to not disturb an animal's home in the wild, but you can watch from a safe distance to see the birds come and go).

I completed this challenge: _____

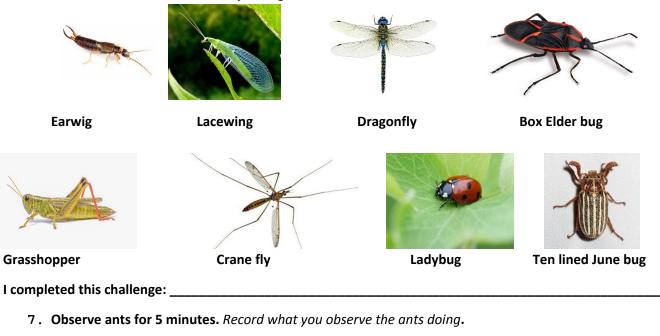
4. Make a birdfeeder (use this to help you observe and identify bird species! You can cover a toilet paper roll with peanut butter and birdseed and hang it in a tree).

I completed this challenge: _____

5. Feed ducks healthy snacks and observe them. (Do not feed ducks bread or processed foods. Feed them corn, grapes cut in half, or peas.).

I completed this challenge: ______

- 6. Identify at least 5 different insect species.
 - o Here are some insects you might see:



I completed this challenge: ______

I completed this challenge: _____

8. Draw an insect that you observe in nature.

o. Draw an insect that you observe in hature.

- 9. Identify at least 2 different shrub species.
 - o Here are some shrubs you might see:



I completed this challenge: _____

10. Plant a seed.

I completed this challenge: _____

11. Identify at least 3 different tree species. Here are some trees you might see: **Norway Maple Douglas fir Colorado blue spruce** Japanese Zelkova **Boxelder Maple Bur Oak** Gingko tree I completed this challenge: _____ Explore a new place! Describe new plants/wildlife you see: (you can go on a nature hike or walk around a pond or river!). I completed this challenge: ______ **Press a flower and identify it** (Scientists often press plants to keep them in their records). I completed this challenge: _____ **Make a leaf rubbing** (put a piece of paper on top of a leaf and rub a crayon over the paper). I completed this challenge: ______ Find a pinecone and try and figure out which kind of tree it came from. 15. I completed this challenge: ______

when it got cut down or fell over).

I completed this challenge:

Find a tree stump and count the rings (the number of tree rings will tell you how old the tree was

17. Pull a weed from your garden. Identify the roots, stem, and leaves.

16.

I completed this challenge: ______

ui	ia aiaminam cans).						
I complete	ed this challenge:						
19.	Clean up 5 pieces of litte	r (Let's keep the plane	t clean and beautiful).				
I complete	ed this challenge:						
20.	Find 3 non-living things in nature. How do they help living things? (Rocks, soil, water, etc.).						
I complete	ed this challenge:						
21.	Observe the shapes of the clouds. Draw out the water cycle and the role that the clouds play.						
I complete	ed this challenge:						
22.	Identify 1 mammal speci		ee:				
	White-tailed deer	Beaver	Ground Squirrel	Chipmunk			
I complete	ed this challenge:						
23 . pc	Create a piece of artwork ossibilities are endless!).	k with things you find	outside (you can use leaves, fl	owers, sticks, rocks, the			
I complete	ed this challenge:						
24 .	Upload at least 1 photo stature in a community. It is fa	•	list is an app and website that dd to scientific databases.).	helps keep track of			
I complete	ed this challenge:						
25.	Complete 3 of the activit	ies suggested in the B	ean Museum's field trip video	os.			
I complete	ed this challenge:						
26.	Submit a question about	this week's "organisn	n of the week."				
I complete	ed this challenge:						
27.	Submit a question to "as	k a scientist."					
I complete	ed this challenge:						

18. Recycle 2 pieces of trash instead of throwing them away (you can recycle things like water bottles