WSC@Home Earth Day Scavenger Hunt 2020

This Earth Day Scavenger Hunt can be done while just staying in your home, out in your backyard, or on a walk in your neighborhood! Look, listen and think about the Earth around you as you complete your scavenger hunt.

1. Look around your home or outside to find a leaf.

![Leaf Image]

Leaves come in all shapes and sizes. The main purpose of the leaf is to perform photosynthesis. Photosynthesis is a chemical reaction where the plant uses sunlight to turn carbon dioxide into sugars that produce energy for the plant.

2. Look around your house or outside to find a seed, it could be from a piece of fruit you ate or a tree in your neighborhood.

![Seed Image]

If you were to plant the seed what type of plant would it grow into? _______________________________

3. While looking out your window, or sitting in your yard, check off the different animals that you see, add a few of your own too.

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<td>___ Humming Bird</td>
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Listen

1. Listen as you go for a walk or sit by an open window. Check off some of the sounds that you hear and add some of your own. Circle the sounds that are man-made.

___ Birds Singing    ___ Car Motor    ___ Bee Buzzing
___ Dog Barking    ___ People Talking    ___ Cat Purring
___ Airplane    ___ Water flowing    ___ Wind in the leaves
___ Cricket    ___ Frog
___ ____________________    ___ ____________________
___ ____________________

Try listening at different times during the day. Some animals like to be out in the cooler mornings or evenings while others prefer the warmth of the afternoon sun.

2. If you can hear bird sounds listen carefully. Are you able to tell how many birds you are hearing? Are there different types of birds that you are hearing? Do they sound like they are warning of a danger or just announcing their presence? Try taking some notes about the birds you can hear.

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There are two types of sounds that birds make. There are bird calls, which are short simple sounds. A bird call maybe a warning to other birds of danger or baby birds announcing that they are hungry. Then there are the longer bird songs. Bird songs are more complex and are usually sung by the male.
1. Think about objects that your family may be throwing into the trash today. Can any of these objects be recycled or reused? List two things you can recycle or reuse that you might otherwise have thrown away.

________________________________________________________

2. Climate scientists all over the world have been studying satellite images tracking pollution in the air. An interesting thing has been happening worldwide over the last few months. Due to people all over the world staying at home, factories put on hold, and travel slowed or stopped, we can see a large decrease in air pollution and an increase in air quality. Check out websites such as Space.com to see some of these images. We know that people everywhere will once again be able to head back to work, travel to see friends and families, and run errands around town, but once that happens can you and your family think of ways that we can all help reduce air pollution? Try writing some of them down below. Think about some, maybe simple changes, your family can try to help the Earth be a safe and healthy place for all the animals that call it home.

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Happy 50th Anniversary of EARTH DAY from the Western Science Center!!!!