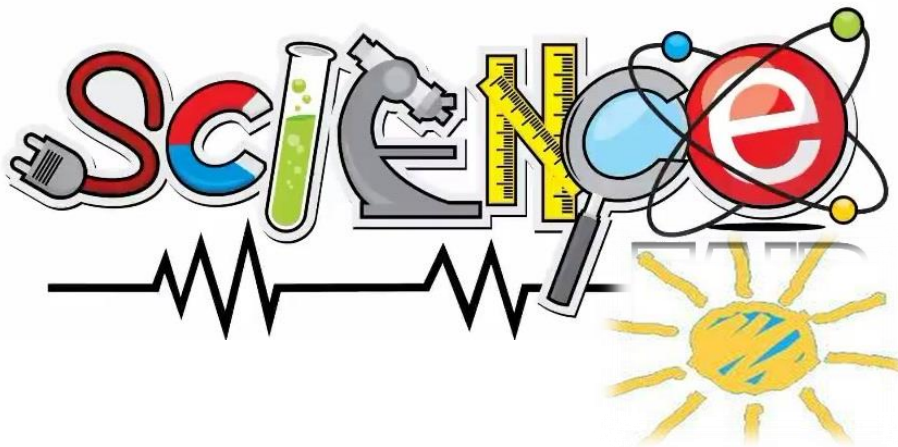


Name _____

5th Grade Science Remote Learning Packet

Week 4



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

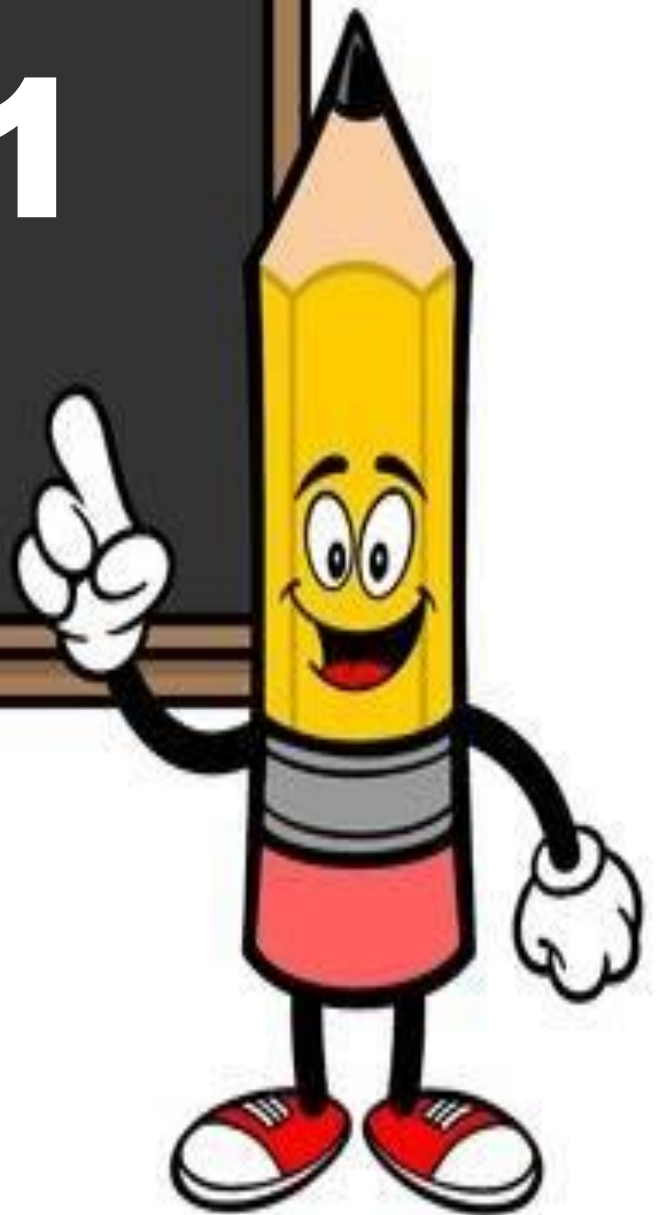
(Parent Signature)

(Date)

Parents please note that all academic are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



Day # 1



Name: _____

Week 4 Day 1 Date: _____

BCCS Boys

MIT

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Guided Notes: Why would a hawk move to New York City?

Why would a hawk move to New York City? _____

Vocabulary:

1. **Food chain:** a _____ of types of living things in which each one uses the next lower member of the series as a source of food
2. **Predator:** an animal that lives by killing and eating other animals; an animal that _____ on the animals
3. **Prey:** an animal that is _____ or killed by another animal for _____
4. **Red tail hawk:** a type of American _____ that has a _____ tail

Video Notes and Discussion Questions:

As you are watching the video explorations, take notes or answer the discussion questions.

Exploration 1: Notes-- _____

Exploration 2: Discuss— Which living things should you be able to find near you, next time you spot a squirrel? _____

Exploration 3: Notes--

Exploration 4: Discuss— What animals might live in your neighborhood? Come up with 3 places where you could look. Ask the food chain questions: "What does it eat?" and "What is it eaten by?" Does this lead you to think of any new animals to look for? _____

Rules

THE GOALS OF THE GAME:

- Make as many food chains as you can.
- Make the chains as long as you can. (Longer chains get bonus points!)

HOW SCORING WORKS:

You'll get **1 point** for every card in a food chain:



3 cards = 3 points

If your chain is 4 cards or longer, you get an extra **2 bonus points**:



*4 cards
+ 2 bonus points
= 6 points*

HOW STEALING WORKS:

- You **CAN'T** steal on the first round.
- Starting in the second round, you can choose a card from the center stack or you can **STEAL** a card from another player *if* you can use that stolen card to make a chain right away.
- You **CAN'T** steal a card that is already in a player's food chain.

TIP: THINK CAREFULLY
Read the cards carefully. The Cricket card says crickets eat leaves. The Oak Tree has leaves. That means the cricket can eat the oak tree!



TIP: REARRANGE YOUR CHAINS

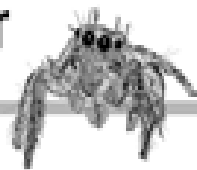
You can rearrange your food chains whenever you want. Take them apart and put them together in different ways. Can you figure out ways to get longer chains?

MYSTERY
 science
 Web of Life | Mystery 1

EAT OR BE EATEN

a food chain game

Jumping Spider



I pounce on insects that spend time on the ground. I eat crickets, ants, cockroaches, caterpillars, and even daddy long legs.

I eat...

MYSTERY science

Fence Lizard



I eat ants, beetles, crickets, caterpillars, cockroaches, pill bugs, snails, and spiders.

I eat...

MYSTERY science

Dead Leaves

I may not look tasty, but I'm just what some animals want for lunch.



I am eaten!

MYSTERY science

Mouse

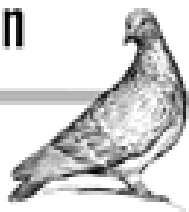


Cartoon mice eat cheese. Real mice like me eat human food—when we can find it. I'll also eat seeds and nuts (like acorns), or snack on vegetables like zucchini or tomatoes. And sometimes I eat crickets and beetles.

I eat...

MYSTERY science

Pigeon



You can feed me popcorn, bread crumbs, and peanuts. But when no one gives me human food, I eat seeds and berries—plus snails, earthworms, and crickets.

I eat...

MYSTERY science

Web-spinning Spider

I eat flying insects. House flies, butterflies, and even honeybees can get caught in my web. Dinner is served.



I eat...

MYSTERY science

Crow



I eat almost anything: acorns, fruits, seeds, and human food. I like beetles, crickets, and cockroaches. I hunt for animals like frogs, moles, mice, and lizards. I'll even steal eggs from the nests of robins, sparrows, and pigeons.

I eat...

MYSTERY science

House Cat

Yes, I eat cat food. But I like to hunt, too. I prey on mice, gophers, squirrels, small birds—and even lizards.



I eat...

MYSTERY science

Swallowtail Butterfly



I drink nectar from flowers—and I'm not picky about what flowers. I'm happy in a flower garden, vegetable garden, or a clover patch. Even a parsley plant is fine with me.

I eat...

MYSTERY science

Sparrow



I eat seeds, grains, grass, and berries. I'll also eat bread crumbs if they're around. And sometimes I'll snack on ants.

I eat...

MYSTERY science

Clover

I have leaves, flowers, and small seeds. They're a great snack if you like that sort of thing.



I am eaten!

MYSTERY science

Opossum



I eat all kinds of things. I catch frogs, moles, snakes, mice, and salamanders. I snack on beetles, cockroaches, earthworms, crickets, and snails. I'm also happy to eat vegetables, seeds, even human food!

I eat...

MYSTERY science

Snail



I eat soft green plant leaves—lettuce, parsley, flower leaves, clover, and even grass. Oak leaves are too tough for me, but if I'm hungry I'll nibble on dead leaves.

I eat...

MYSTERY science

Cricket



I eat seeds, small fruits, and leaves—either fresh off the plant or dead on the ground. And I'm always hungry! Every day, I eat my own body weight in food.

I eat...

MYSTERY science

Lunch Leftovers



I'm the lunch some kid didn't finish—half a peanut-butter sandwich and an apple with a bite out of it. That's OK—I'm the perfect treat for some hungry animal.

I am eaten!

MYSTERY science

Robin



I hop around searching for worms, caterpillars, snails, beetles, crickets, ants, spiders, and even daddy long legs. I'll also eat fruits and berries off bushes and trees.

Caterpillar of a Moth



I chow down on rotting wood and dead leaves. That's why you can usually find me hiding under a rotting log.

Beetle



I eat caterpillars. In fact, some people call me the caterpillar hunter. I'll also eat earthworms and snails.

Rotting Log

I'm where hungry animals can find rotting wood, bark, and dead leaves. I'm tasty eating for the right critter!



I eat...

MYSTERY science

I eat...

MYSTERY science

I eat...

MYSTERY science

I am eaten!

MYSTERY science

Raccoon



I sometimes raid trash cans for food you threw away. In the wild I eat nuts, fruit, beetles, worms, frogs, salamanders, mice, moles, and snakes.

Salamander



I eat nice crunchy beetles, ants, crickets, along with snails, spiders, ants, and pillbugs. Want to join me for lunch?

Frog



I eat insects with my long sticky tongue—beetles, cockroaches, crickets, houseflies, butterflies, and even bees. I'll also snack on earthworms, snails, and pillbugs. Yum!

Parsley Plant



I'm where animals can find leaves, flowers, and small seeds. In fact, I'm one of the only plants that swallowtail caterpillars eat! Bragging rights.

I eat...

MYSTERY science

I eat...

MYSTERY science

I eat...

MYSTERY science

I am eaten!

MYSTERY science

Hawk

I swoop down to grab small animals with my sharp claws. I eat gophers, mice, pigeons, robins, sparrows, even lizards and snakes!

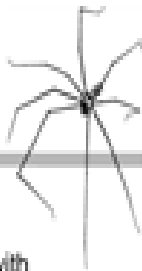


I eat...

MYSTERY science

Daddy Longlegs

I eat insects of all kinds—along with worms, snails, and pill bugs. I'm not a spider, but I eat spiders when I catch them.



I eat...

MYSTERY science

Cockroach

I eat many things, including bark, paper, leaves (living and dead), and any human food I can find. I'm particularly fond of cheese.

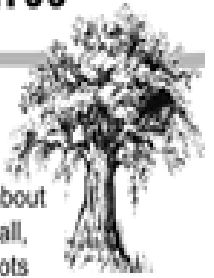


I eat...

MYSTERY science

Oak Tree

Some animals are nuts about me. After all, I provide lots of acorns—along with leaves and bark.



I am eaten!

MYSTERY science

Mole

I chow down underground (and under logs). I'll eat beetles, earthworms, pill bugs, and crickets. I stay hidden in my tunnel, safe from hawks and housecats!



I eat...

MYSTERY science

Ant

I'm happy to eat human food (like peanut butter), but when that's not around, I'll eat nectar from flowers, seeds from grasses, and any dead insects I find lying around.



I eat...

MYSTERY science

Gopher

I tunnel underground and gnaw the roots of plants—any plants! Sometimes I leave my hole to snack on leaves—keeping an eye out for animals that want to snack on me!



I eat...

MYSTERY science

Flower Garden

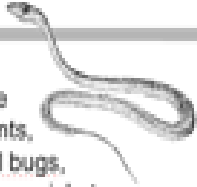
Come and get it! I have lots of flowers with sweet nectar, plus lots of leaves and seeds.



I am eaten!

MYSTERY science

Garter Snake



I hunt in the grass for ants, beetles, pill bugs, cockroaches, crickets, earthworms, and spiders. I also eat mice, frogs, salamanders, & lizards. Don't be scared of me...unless you're on my list of snacks.

I eat...

HYSTERYscience

Swallowtail Caterpillar



Like many caterpillars, I'm a picky eater. I only eat carrot leaves and parsley plants from vegetable gardens.

I eat...

HYSTERYscience

Gray Squirrel



I eat nuts, like acorns from the oak tree. But that's not all! I eat seeds, fruit, birds' eggs, even lunch leftovers! Peanut butter sandwich? Yes please!

I eat...

HYSTERYscience

Grass

I have lots of leaves and lots of seeds. That's lunch for lots of critters.



I am eaten!

HYSTERYscience

Earthworm

I eat bits of plants—like dead leaves or rotting wood. Anywhere that leaves are falling, I can find something for lunch.



I eat...

HYSTERYscience

Honeybee



I eat pollen and nectar from flowers. I'm happy anywhere flowers bloom—a flower garden, a vegetable garden, a parsley plant, or a patch of clover.

I eat...

HYSTERYscience

Pill bug

I eat dead leaves, rotting wood, and the fungi that grow on them. Look for me under logs. Poke me, and I roll in a ball—that's why some people call me a roly poly.



I eat...

HYSTERYscience

Veggie Garden

If you're looking for lettuce, tomatoes, cucumbers, and zucchini squash, I'm the place. Stop by for some leaves and flowers too!



I am eaten!

HYSTERYscience

Name: _____

Week 4 Day 1 Date: _____

BCCS Boys

MIT

Stanford

Score Card

1. WRITE DOWN YOUR LONGEST CHAIN:

_____ eats _____ eats _____ eats
_____ eats _____ eats _____ Yum!

2. ADD UP YOUR SCORE! Use the back if you run out of room:

Chain 1: Write down how many cards are in the chain: _____
If there are 4 or more, add 2 bonus points: _____

Chain 2: Write down how many cards are in the chain: _____
If there are 4 or more, add 2 bonus points: _____

Chain 3: Write down how many cards are in the chain: _____
If there are 4 or more, add 2 bonus points: _____

Chain 4: Write down how many cards are in the chain: _____
If there are 4 or more, add 2 bonus points: _____

Chain 5: Write down how many cards are in the chain: _____
If there are 4 or more, add 2 bonus points: _____



TOTAL points = _____
points



MYSTERY
science
Web of Life | Mystery #1



Name: _____

Week 4 Day 1 Date: _____

BCCS Boys

MIT

Stanford

End of Mystery Assessment

1. How would you describe a food chain to someone who hasn't thought about that idea before?

- a. A food chain can't be described.
- b. A food chain can only be described in science class.
- c. A food chain would be described as prey eating predator.
- d. A food chain would be described as the fact that an animal eats something else and is eaten by another animal.

2. When you go "down" the food chain by continuing to ask "What does it eat?" at what category of living things do you always end up?

- a. You always end up at plants.
- b. The food chain never ends.
- c. You always end up with squirrels.
- d. You don't end up anywhere.

3. Rather than showing just one food chain, the images below show a habitat, where several food chains are linked to each other. Draw arrows connecting each of these living things by what they eat, then answer question #4.



hawk



falcon



cat



lizard



snake



caterpillar



garden plant (parsley)



gopher

4. When you connect all the different food chains within one habitat, like you did above, what words or phrase do you think best describe how this diagram looks? Why?
