



SCIENCE GRADE K

SPRING BREAK LEARNING

MARCH 10-14

2025

**The Department of
Curriculum & Instruction**

Hello MSCS Family,

This resource packet was designed to provide students with activities that can be completed during the Spring Break Academy independently or with the guidance and supervision of family members or other adults. The activities are aligned to the TN Academic Standards for Science and will provide additional practice opportunities for students to develop and demonstrate their knowledge and understanding. A suggested pacing guide is included. However, students can complete the activities in any order over three days. Below is a table of contents that lists each activity.

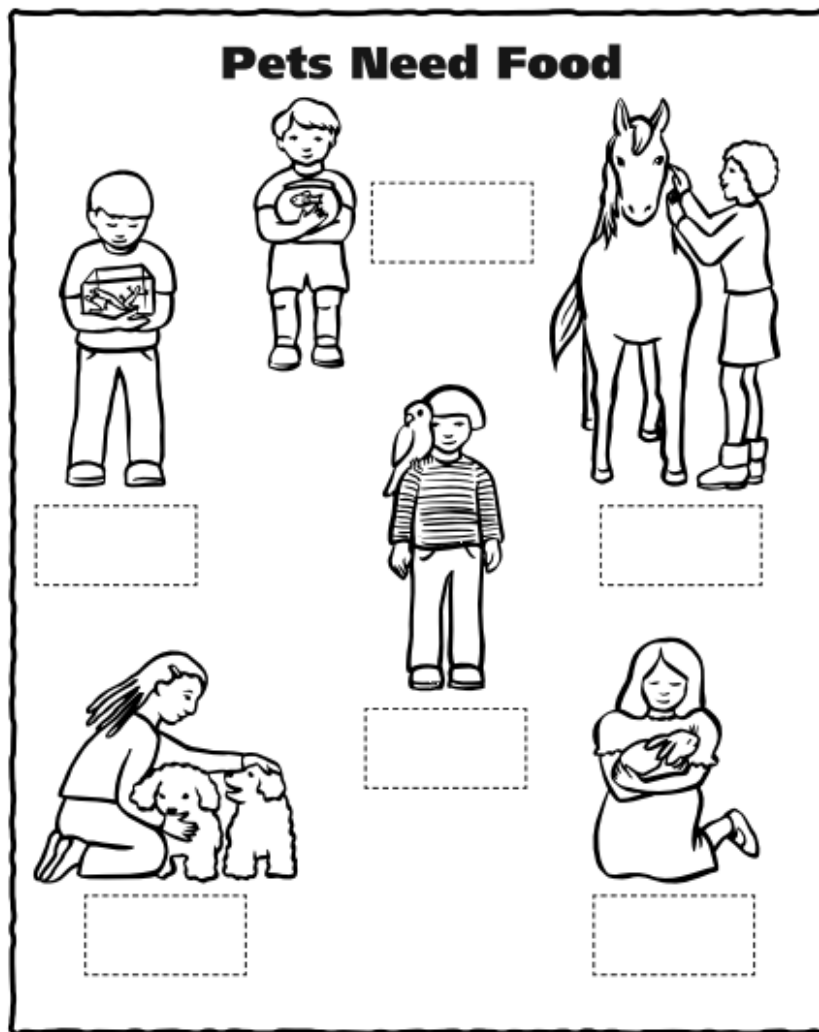
Table of Contents

Activity	Page number	Suggested pacing
Pets Need Food	3	Day 1
Animals and Plants	4	Day 2
Cats Need Care	5-8	Day3

Kindergarten Science: Pets Need Food

Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the directions.
Materials Needed	Pets Need Food Activity, scissors, glue
Essential Question	What do animals need to live?
Learning Outcome	Students will explain what animals need to live.

Directions: Cut out the food that the animal needs from the box and glue it next to the animal.



Kindergarten Science: Animals and Plants

Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the directions.
Materials Needed	Animals and Plants Worksheet, pencil
Essential Question	What do plants and animals need to live?
Learning Outcome	Students will explain what animals need to live.

NAME: _____ DATE: _____

DIRECTIONS: Using the word bank below, list the basic needs of plants and animals. Some choices may be used more than once

WORD BANK

FOOD/NUTRIENTS

AIR

SHELTER

SPACE

WATER

SUNLIGHT

Animals	Plants
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

Kindergarten Science: Cats Need Care

Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the reading and directions.
Materials Needed	Cats Need Care Article, pencil
Essential Question	What do animals need to live?
Learning Outcome	Students will explain what animals need to live.

Cats Need Care

by Rachelle Kreisman



Cats make good pets. How do you care for them? Read the tips below.

Give your cat food. Most cats need to eat twice a day. Keep a bowl filled with fresh water, too.

Put a litter box in a quiet spot. Keep it clean. The litter box is a cat's bathroom.

Brush your cat's fur. Have an adult clip its claws. Never clip a cat's whiskers. Whiskers are the long hairs near a cat's mouth. They help a cat feel its way around.

Take your cat to a vet for checkups. The vet is an animal doctor. He or she will make sure your cat is healthy.

Name: _____ Date: _____

1. How often do cats need to eat each day?*four times a day**twice a day***2. What do you call a cat's bathroom?***a toilet**a litter box*

3. What might a cat do if you clip its whiskers?



run into a wall



go to sleep

4. Who can make sure your cat is healthy?



a vet



a dentist

5. What should you do to a cat's fur?

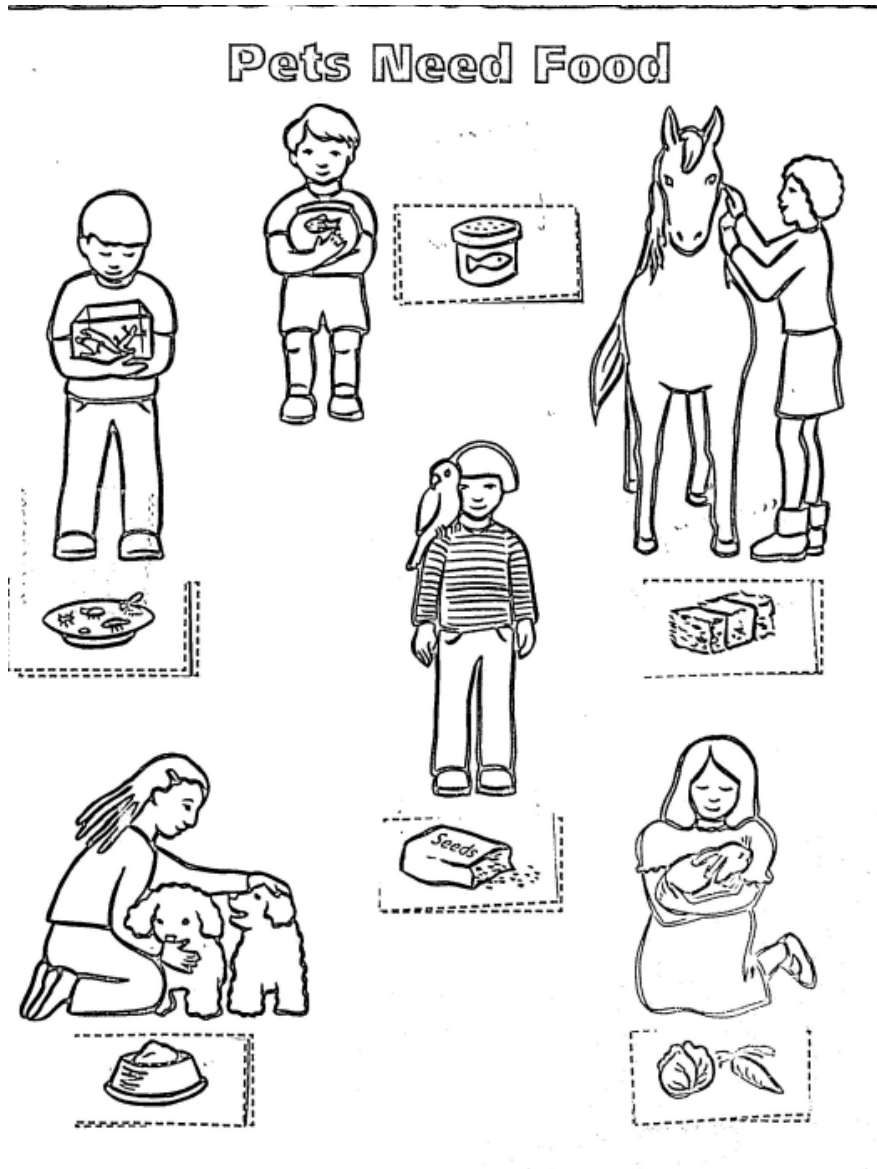
You should

6. What did you learn from "Cats Need Care?"

7. Draw a person caring for his or her cat.

Kindergarten Science: Pets Need Food	
Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the directions.
Materials Needed	Pets Need Food Activity, scissors, glue
Essential Question	What do animals need to live?
Learning Outcome	Students will explain what animals need to live.

Directions: Cut out the food that the animal needs from the box and glue it next to the animal.



Kindergarten Science: Animals and Plants

Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the directions.
Materials Needed	Animals and Plants Worksheet, pencil
Essential Question	What do plants and animals need to live?
Learning Outcome	Students will explain what plants need to live.

NAME: _____ DATE: _____

DIRECTIONS: Using the word bank below, list the basic needs of plants and animals. Some choices may be used more than once

WORD BANK

FOOD/NUTRIENTS	AIR
SHELTER	SPACE
WATER	SUNLIGHT

Animals	Plants
1. food/nutrients	1. food/nutrients
2. shelter	2. space
3. air	3. air
4. water	4. water
5.	5. sunlight

Kindergarten Science: Cats Need Care

Grade Level Standard(s)	K. ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live.
Caregiver Support Option	Help your student by guiding them through the reading and directions.
Materials Needed	Cats Need Care Article, pencil
Essential Question	What do plants and animals need to live?
Learning Outcome	Students will explain what animals need to live.

Cats Need Care

by Rachelle Kreisman



Cats make good pets. How do you care for them? Read the tips below.

Give your cat food. Most cats need to eat twice a day. Keep a bowl filled with fresh water, too.

Put a litter box in a quiet spot. Keep it clean. The litter box is a cat's bathroom.

Brush your cat's fur. Have an adult clip its claws. Never clip a cat's whiskers. Whiskers are the long hairs near a cat's mouth. They help a cat feel its way around.

Take your cat to a vet for checkups. The vet is an animal doctor. He or she will make sure your cat is healthy.

Name: _____ Date: _____

1. How often do cats need to eat each day?



four times a day



twice a day

2. What do you call a cat's bathroom?

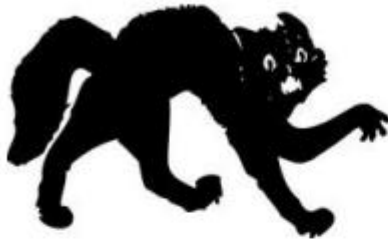


a toilet



a litter box

3. What might a cat do if you clip its whiskers?



run into a wall



go to sleep

4. Who can make sure your cat is healthy?



a vet



a dentist

5. What should you do to a cat's fur?

You should

brush it

6. What did you learn from "Cats Need Care?"

Answers will vary.

7. Draw a person caring for his or her cat.

Drawings may vary but should depict a person following any of the care tips described in the text.