Name & Surname: _____ Class: _____ Date: _____

Who Lives Where?

Comparing plants and animals in forests, ponds, and deserts

About 30 minutes Level ★★★☆☆

What Is a Habitat?

A **habitat** is a home for plants and animals. It gives **food**, **water**, and shelter.

- Forest has many tall trees. Birds, squirrels, and insects live there.
- Pond is small still water. Water lilies, frogs, ducks, and snails live there.
- Desert is hot and dry. Cactus, lizards, and snakes live there.
- Diversity means how many different kinds live in a place.



Task A

Example done for you

/3

Fill in the missing words. Word bank: forest • pond • desert • diversity

Diversity | desert | ~~forest~~ | pond

A **habitat** gives food, water, and shelter. A forest has many tall trees. A _____ is small still water with frogs and ducks. A _____ is hot and dry with cactus. _____ tells how many different kinds live there.

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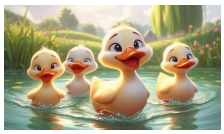
Count and Compare

Observe, count kinds, and compare diversity.

Forest and Pond

Look closely to **observe** and **compare** two habitats.

- Forest has 4 kinds: tree, bird, squirrel, insect.
- Pond has 4 kinds: water lily, frog, duck, snail.
- Desert has 2 kinds: cactus, lizard.



Key words

habitat: home where living things get what they need

forest: place with many tall trees

desert: hot dry place with little water

shelter: safe place to live and hide

pond: small home of still water

diversity: number of different kinds of living things

Task B

/2

Observe two habitats and count to compare them.

Aim To count different kinds and compare diversity.

You will need

- [ ] pencil
- [ ] this worksheet

⚠ **Stay safe**

- Stay in your seat
- Share papers safely

Method

1. Look at the Forest and Pond lists in the box above.
2. Count the different kinds in the forest. Write the number.
3. Count the different kinds in the pond. Write the number.
4. Circle the habitat that shows more kinds. If the numbers are the same, circle both.

Forest count	Pond count	More kinds in

1. Which **habitat** shows more **diversity**?

2. Why do pond plants have **softer stems**?

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See Another Viewpoint

Think what each plant or animal needs.

Fit for Home

Plants and animals **fit** where they can get what they **need**.

- Frogs, newts, and ducks have webbed feet to swim in water.
- Land plants have stiff stems to stand up.
- Water plants have softer stems because water holds them up.
- Cactus stores water to live in a hot, dry place.



Task C

Pick one viewpoint and write what it needs to live.

frog

student

lizard

A frog moved to the desert

tree

cactus

duck

I am thinking of... from the viewpoint of...

.....

I think... (describe the topic from your viewpoint)

.....

.....

.....

A question I have from this viewpoint is...

.....

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Should Frog Move?

Think about one big idea four ways.

Task D

Think about this **idea** from four **directions**.

N **Need to know: what else do I need to find out?**

W **Worried: what worries me?**

Move a frog from a wet pond to a hot, dry desert.

E **Excited: what is good about it?**

S **Stance or suggestion: what do I think now?**

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Show What You Know

Answer and talk about habitats with a partner.

Task E

Read each answer. Write a good question for it.

The answer is: **A pond**

What could the question be?

.....

.....

.....

The answer is: **4 kinds**

What could the question be?

.....

.....

.....

The answer is: **Food, water, and shelter**

What could the question be?

.....

.....

.....

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Who Lives Where?

Task F

/2

Finish the talk with a partner. Write what they say.

Student A I **observed** a frog and a duck in the pond.

Student B .....

.....

Student A **Water** to swim in, food to eat, and shelter to hide.

Student B Can they get those things in the desert?

Student A .....

.....

Student B So different habitats hold different living things!

How did I do?

Circle a face for each line.

I can match plants and animals to their habitat. ☹ 😐 🙂

I can count kinds to compare diversity. ☹ 😐 🙂

I can tell what every habitat gives living things. ☹ 😐 🙂

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Answer sheet: Who Lives Where?

Task A

A habitat gives food, water, and shelter. A [FOREST] has many tall trees. A [POND] is small still water with frogs and ducks. A [DESERT] is hot and dry with cactus. [DIVERSITY] tells how many different kinds live there.

Task B

1. They are the same in these lists — 4 kinds each.
2. Water holds them up, so they do not need stiff stems.

Task C

Answers will vary.

Task D

Answers will vary, e.g. E: I am excited to see a frog in a new place. W: I am worried it will find no water to swim in. N: I need to know what food and shelter it will find. S: My stance is no — a frog needs a pond to live.

Task E

Answers will vary, e.g. A pond → Where do frogs and ducks live? 4 kinds → How many different kinds did you count in the forest? Food, water, and shelter → What does every habitat give living things?

Task F

1. Student B: What did the pond give them?
2. Student A: No, the desert is hot and dry with little water.

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