

# Earth Day Math: Planting Trees Problem

Grade 3

Math

Nonfiction

Earth day Theme

~129 words

CCSS.MATH.3.OA.D.8

Name: \_\_\_\_\_ Date: \_\_\_\_\_

▢ READ — READ THIS PASSAGE CAREFULLY. YOU MAY READ IT TWICE.

Earth Day happens every year on April 22. Many communities celebrate by solving problems together. This year, Ms. Garcia's class wanted to plant trees to help the environment. They worked with a local park to figure out how many trees they could plant. The class had 24 students. Each student could plant 3 trees during the Earth Day event. By solving a multiplication problem, they discovered they could plant 72 trees total. The park manager also brought 18 more trees for adults to plant. When everyone worked together, they planted 90 trees that day. The trees will grow for many years and help clean the air. They will also provide shade and homes for birds and other animals. The students felt proud knowing their math skills helped protect Earth.

▢ Tip: Read the passage twice before turning to the questions on the next page.

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Questions

⇒ **ANSWER** USE THE PASSAGE ON PAGE 1 TO HELP FIND YOUR ANSWERS.

## MAIN IDEA

1. What is this passage mostly about?

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## TEXT EVIDENCE

2. How many trees did Ms. Garcia's class plant? Use numbers from the passage.

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## VOCABULARY

3. What does the word 'environment' mean in this passage?

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## INFERENCE

4. Why do you think planting trees is important for Earth Day?

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## CAUSE AND EFFECT

5. What happened because the students worked together to solve math problems?

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## TEXT EVIDENCE

6. What benefits do the passage say the trees will provide?

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# ✓ ANSWER KEY — Earth Day Math: Planting Trees Problem

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TEACHER / PARENT USE ONLY — Suggested answers shown below each question

Earth Day happens every year on April 22. Many communities celebrate by solving problems together. This year, Ms. Garcia's class wanted to plant trees to help the environment. They worked with a local park to figure out how many trees they could plant. The class had 24 students. Each student could plant 3 trees during the Earth Day event. By solving a multiplication problem, they discovered they could plant 72 trees total. The park manager also brought 18 more trees for adults to plant. When everyone worked together, they planted 90 trees that day. The trees will grow for many years and help clean the air. They will also provide shade and homes for birds and other animals. The students felt proud knowing their math skills helped protect Earth.

## MAIN IDEA

### 1. What is this passage mostly about?

The passage is mostly about how a class used math to plan planting trees for Earth Day.

## TEXT EVIDENCE

### 2. How many trees did Ms. Garcia's class plant? Use numbers from the passage.

According to the passage, 24 students each planted 3 trees, which equals 72 trees, plus 18 more trees planted by adults, totaling 90 trees.

## VOCABULARY

### 3. What does the word 'environment' mean in this passage?

Environment means the natural world around us, including air, plants, animals, and land that we need to protect.

## INFERENCE

### 4. Why do you think planting trees is important for Earth Day?

Trees help clean the air and provide homes for animals, so planting them makes Earth healthier and cleaner.

## CAUSE AND EFFECT

### 5. What happened because the students worked together to solve math problems?

Because they solved math problems together, they were able to figure out how many trees to plant and successfully planted 90 trees for Earth Day.

## TEXT EVIDENCE

### 6. What benefits do the passage say the trees will provide?

The passage states the trees will clean the air, provide shade, and create homes for birds and other animals.