

STEAM

Reading



Workbook

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VOCAULARY PRACTICE

A Match and write.



enter

Grandmother takes good care of her _____ . It is really green and wonderful.



refracts

This map shows you the _____ of some of these dams.



lawn

Make sure you call Aunt Sally before you _____ her house.



position

The pencils look funny because water _____ light.

B Choose the correct words.

- We have to hurry, or we won't _____ through the airport security in time.
 - clear
 - pass
 - think
- After her illness, Suzie was _____ thinner.
 - slightly
 - slowly
 - widely
- You can light a fire from _____ light passing a magnifying glass.
 - tired
 - reflected
 - focused
- Please _____, or we'll have an accident.
 - steam up
 - bring in
 - slow down

COMPREHENSION PRACTICE

Read the following passage and choose the correct answers.

Why is this? Light changed direction when it entered the water. ① When the light reflected from the chopstick hit our eyes, it looked like the chopstick was in a different position. ② It makes things look bigger. ③ So the chopstick looked wider, too.

1. Why did it look like the chopstick was in a different position?
 - a. The chopstick looked wider.
 - b. The light changed direction when it entered the water.
 - c. The water changed direction when the chopstick hit it.

2. What is the best place for the sentence below?

Refracted light is focused.

- a. ①
 - b. ②
 - c. ③
3. What does position mean in the passage?
 - a. place
 - b. density
 - c. height

SUMMARY

Complete the summary. One word is not used.

drives enters light refracts slightly slows straight wider

When a car drives along a road and suddenly moves onto a lawn, its speed changes. The same happens with 1. _____. When light passes through different materials, it changes its speed. When it passes through water, light 2. _____ down because water is denser than air. When light 3. _____ water, the water 4. _____ the light, and it changes direction. In our experiment, we looked at a chopstick in an empty cup. It looked 5. _____. When we put water into the cup, the chopstick looked bent and 6. _____ wider. This is because light changed direction when it entered the water. When the light hit our eyes, it looked as if the chopstick was 7. _____ and in a different position, because refracted light is focused.