Lights on the Beach

Connect three sources to protect sea turtle hatchlings

5.RC.10 "Combine information from several texts or digital sources on the same topic in order to demonstrate knowledge about the subject."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline one fact about hatchling behavior in Source 1, circle two lighting rules in Source 2, and number two details in Source 3 that connect to those facts or rules.

Finding the Way to Water

1. Source 1, Wildlife guide: Sea turtle hatchlings leave their nests at night and crawl toward the ocean. On an open beach, the bright, low horizon over the water helps guide them. Bright lights from buildings and roads can pull hatchlings the wrong way. The longer they spend on land, the greater their risk of drying out or being eaten by predators.

2. Source 2, Town beach notice: During hatching season, please turn off outdoor lights that are not needed. Aim any necessary lights downward and away from the sand, and close curtains facing the beach. Do not pick up hatchlings or carry them to the water. If you see hatchlings heading away from the sea, tell a trained beach volunteer so the problem can be checked.

3. Source 3, Volunteer field notes: One night, several hatchlings crawled toward a lit snack stand instead of the water. A volunteer reported the light to the stand's owner, who switched off the sign and aimed the entrance lamp away from the sand. Later, hatchlings from the same nest crawled toward the ocean. The volunteer watched from a distance and did not touch them.

2 ANSWER WITH EVIDENCE

Use the passage

1. How does the wildlife guide help explain why the hatchlings in the field notes crawled toward the snack stand?

2. Why does the town notice ask people to close curtains facing the beach? Use a fact from the wildlife guide.

3. Which two actions in the town notice match what the snack stand's owner did in the field notes?

4. Use all three sources to explain why changing the stand's lights was better than carrying the hatchlings to the water.

3 YOUR TURN

Your own words

A new beachfront hotel asks how to keep its entrance lit for guests during hatching season without confusing hatchlings. Write four sentences recommending a lighting plan, using a detail from each of the three sources.

ANSWER KEY

Lights on the Beach

GRADE 5 · 5.RC.10

PART 1 · READ AND MARK

Underline one fact about hatchling behavior in Source 1, circle two lighting rules in Source 2, and number two details in Source 3 that connect to those facts or rules. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	How does the wildlife guide help explain why the hatchlings in the field notes crawled toward the snack stand?	**The guide says bright lights can pull hatchlings away from the ocean. The snack stand was lit, and several hatchlings crawled toward it.**
2	Why does the town notice ask people to close curtains facing the beach? Use a fact from the wildlife guide.	**Closing curtains keeps indoor light off the beach. The guide explains that bright lights can pull hatchlings away from the ocean.**
3	Which two actions in the town notice match what the snack stand's owner did in the field notes?	**The owner turned off the sign, like turning off lights that are not needed, and aimed the entrance lamp away from the sand.**
4	Use all three sources to explain why changing the stand's lights was better than carrying the hatchlings to the water.	**The guide says lights can pull hatchlings away from the ocean. The notice says to change lights and not carry hatchlings. In the field notes, the owner changed the lights, and later hatchlings crawled toward the ocean without being touched.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Sea turtle hatchlings use the bright, low ocean horizon to find the water, so a hotel's lights could draw them the wrong way. The town notice says to turn off lights that are not needed and aim other lights away from the sand. A volunteer saw hatchlings crawl toward a lit snack stand before its owner changed the lights. The hotel should turn off its beach-facing sign at night, aim its entrance lamps away from the sand, and keep curtains closed.

Accept answers that accurately connect the named sources, even if students use different wording. For Your Turn, look for a workable lighting plan supported by a distinct detail from each source.