Science Fables

The Town That Forgot the Stars

Story Quiz

This quiz covers Nia and Ben's investigation into light pollution and the night sky.

1. What did Nia and Ben notice when they looked at the night sky?

A. The Moon had disappeared
B. Only a few faint stars were visible
C. The stars were moving quickly
D. The sky had turned green

2. What was hiding the stars above the town?

A. Thick clouds
B. Smoke from a volcano
C. Too much artificial light
D. A large rainstorm

3. What did Nia and Ben compare in their schoolyard experiment?

A. A flashlight and a candle
B. A bright bare lamp and a shielded lamp
C. A warm bulb and the Sun
D. A telescope and binoculars

4. Which change did Nia and Ben suggest to the town council?

A. Turning on brighter signs all night
B. Removing every streetlight
C. Using shielded lamps, warm bulbs, and timers
D. Painting all the lamps blue

5. What happened during the town's first Star Night?

A. Dozens of stars became visible in the darker sky
B. Everyone stayed inside because of rain
C. The town added more bright lights
D. The stars completely disappeared

Answer Key

1. B — Only a few faint stars were visible

Nia and Ben noticed only a few faint stars were visible in the night sky.

2. C — Too much artificial light

Too much artificial light was hiding the stars above the town.

3. B — A bright bare lamp and a shielded lamp

They compared a bright bare lamp and a shielded lamp in their schoolyard experiment.

4. C — Using shielded lamps, warm bulbs, and timers

They suggested using shielded lamps, warm bulbs, and timers.

5. A — Dozens of stars became visible in the darker sky

During the town's first Star Night, dozens of stars became visible in the darker sky.