Map: The Darkest Sky

Environmental Science · Student worksheet

Name _____

Date _____

Period _____

How this works: Open The Darkest Sky (mrsajdak.com/maps/dark-sky). It shows how dark the night sky is in the Adirondack Park. Click anywhere to read the sky there. A HIGHER number means a DARKER sky. 22.0 is a natural sky with no light added.

I am learning to

- ☐ I can read sky brightness from a map and tell where the sky is darkest.
- ☐ I can explain what causes light pollution, and ask a question the map does not answer.

Part 1. Read the map

Analyzing and interpreting data

SEP 4

1. Click each place. Write its sky brightness number.

Place	Sky brightness (mag/arcsec²)
The darkest spot in the park (click the star)	
Dannemora	
Lake Placid	
One you pick:	

2. Tick one box.

In my table, you would see the MOST stars from	☐ The darkest spot ☐ Dannemora ☐ Lake Placid

Part 2. Cause and effect

Cause and effect

CCC 2

The brightest spot in the park is Dannemora. Read the text on the page to find out why.

3. The light at Dannemora comes from _____.

4. Why is the darkest spot so dark? Start: It is dark there because it is far from

Part 3. Ask a question

Asking questions and defining problems

SEP 1

5. Write one question about light at night that this map does not answer.