

A BLACK BEAR'S MOVEMENT: DEVELOP AN ARGUMENT

Task: Develop an argument, based on evidence, for the factor most affecting the movements of a black bear tracked by researchers in Florida.

Using the [Bear Necessities StoryMap](#) and the steps below, analyze the path of Black Bear M34 to determine which factor most impacted its migration.

Guiding Question: Which of the following had the greatest impact on black bear M34's movement: access to food, water, mates, den sites, space, or shelter?

Step 1: Trace the movement of M34. Record details in this table as you move through the Bear Necessities StoryMap. Then use these notes as evidence to support your claim in Step 2.

Tracking/Start Date: _____ Age at start: _____ Weight: _____

| Time | Distance/Location | Observations and possible causes or reasons |
|----------------|---|--|
| First 7 months | Stayed along the edge of Lake Wales Ridge | Moving between two conservation areas and near a creek—would have good habitat and water |
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Step 2: Write a claim to answer the guiding question. Be sure that you can support your claim with evidence.

Our Claim: _____ had the greatest impact on the distance and places where Bear M34 moved.

Step 3: Select evidence from the chart above to support your claim. You may include visuals such as maps or tracking routes.

The Evidence:

Step 4: Justify your claim by explaining how the evidence supports the claim. Your justification should explain your thinking and link to one or more scientific concepts.

Our Justification:

Step 5: Create a poster or a slide presentation for your argument. Include the **guiding question**, the **claim**, the **evidence**, and the **justification**.

