

# Follow the Leader

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. How much energy did it take to cross the test space?
2. How could you tell you were using energy?
3. How much farther could you have gone in these snow conditions?

**Go back to where you started, but this time travel as a group trying to use as little energy as possible.**

1. Does it take less energy to travel as a group or as individuals?
2. Did some students expend more energy than others? Why? Were they any stragglers?
3. How might the work have been shared more evenly?
4. What will travel be like tomorrow in those same tracks?

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Make a new trail parallel to your old one. Take turns crossing the area trying at least two different kinds of trails. Record which snow surface was used by the winner.

Deep Snow	New Trail	Old, hard-packed trail	Comments

1. What did it feel like to run on the different surfaces?
2. How might different snow conditions affect the travel of different animals?
3. What animals are well adapted for deep snow travel?