

Glacial Landform Mapping

Activity Overview

Students create a simple map of the Ringle Segment, marking the moraine ridge, outwash plain, and the direction of meltwater flow. This helps them visualize the glacial processes that shaped the area.

Materials Needed

- Printed base map of the Ringle Segment
- Pencils and colored markers
- Clipboards (if outdoors)

Step-by-Step Instructions

1. Provide each student with a base map.
2. Students outline the ridge of the Hancock Moraine.
3. Students shade the outwash plain.
4. Students draw arrows showing meltwater flow directions.
5. Discuss how the glacier and meltwater interacted to build the landscape.

Teacher Notes

- Meltwater flows downhill from the ice margin.
- The moraine marks where the glacier paused.
- Outwash plains can extend great distances from the ice margin.