Kettle Cluster Investigation

Activity Overview

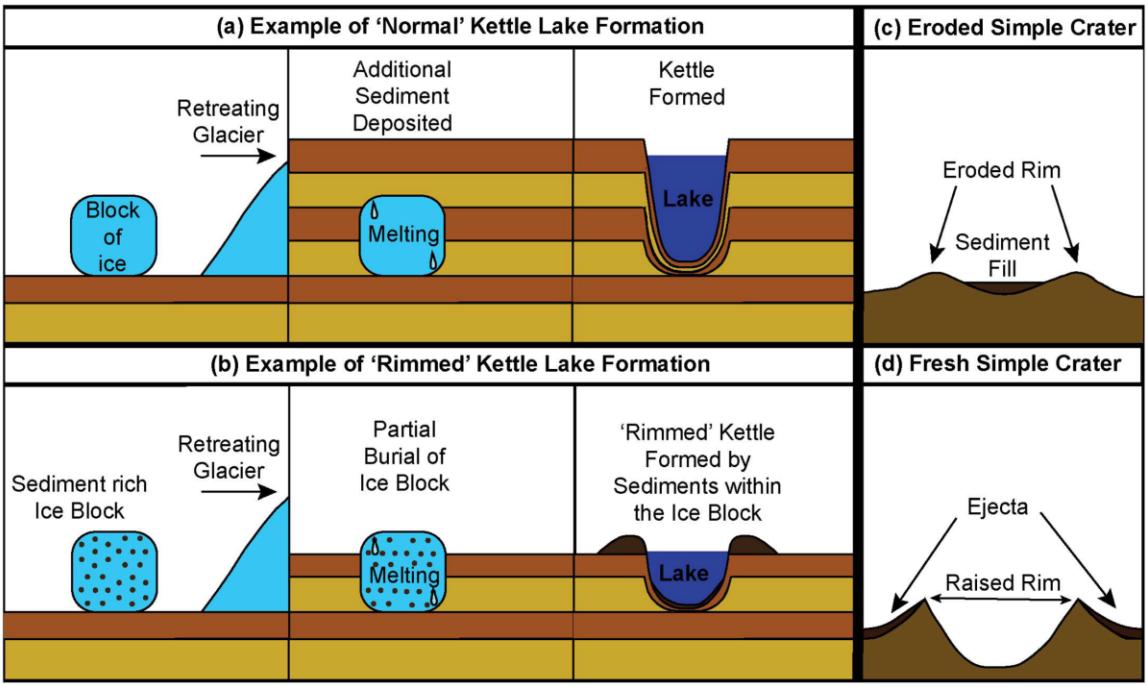
Students explore a cluster of kettle depressions and compare their shapes, sizes, and depths. They consider how the size and depth of the original buried ice block affected each kettle's final form.

Materials Needed

- Clipboards
- Notebooks
- Sketching pencils

Step-by-Step Instructions

1. Bring students to a viewpoint with multiple kettle depressions.
2. Students sketch 2–3 kettles and note differences in depth or width.
3. Ask students: Which kettle might have held the largest ice block?
4. Discuss how buried ice melting at different speeds creates unique kettles.



Teacher Notes

- Some kettles remain dry; others may be ponds.
- Bigger kettles often indicate larger or deeper ice blocks.
- Kettles rarely have inlets/outlets—point this out during discussion.