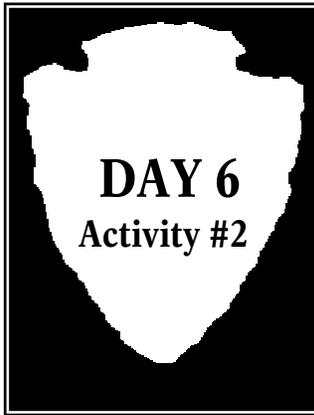




FEATURES OF DEPOSITION

OBJECTIVE	Students will learn the key features of glacial deposition via a presentation of glacier images and corresponding text.
GRADES	Middle or High School students
DURATION	20 minutes
MATERIALS	<ul style="list-style-type: none">▪ Copies of the <i>Features of Deposition</i> worksheet for each student▪ <i>Features of Deposition</i> PowerPoint presentation▪ Computer connected to a large classroom screen
KEY TERMS	Braided streams, drumlin, erratics, esker, kame, kettle, moraines, till



FEATURES OF DEPOSITION

NATIONAL EDUCATION STANDARDS

Science:

NS.5-8.1 Science as Inquiry

- Abilities necessary to do scientific inquiry
- Understandings about scientific inquiry

NS.5-8.4 Earth and Space Science

- Structure of the earth system

NS.5-8.6 Personal and Social Perspectives

- Populations, resources, and environments.

NS.5-8.7 History and Nature of Science

- Science as a human endeavor
- Nature of science

NS.9-12.1 Science as Inquiry

- Abilities necessary to do scientific inquiry
- Understandings about scientific inquiry

NS.9-12.6 Personal and Social Perspectives

- Natural resources

NS.9-12.7 History and Nature of Science

- Science as a human endeavor
- Nature of scientific knowledge

Name:

FEATURES OF DEPOSITION



FEATURES OF DEPOSITION

ANSWER KEY

Name:

FEATURES OF DEPOSITION

Braided Stream	<i>A network of intertwining stream channels resembling the strands of a complex braid.</i>
Drumlin	<i>A low, streamlined mound of glacial till shaped by an overriding glacier.</i>
Erratics	<i>Large boulders that end up stranded when glaciers recede.</i>
Esker	<i>A long, low ridge of sand and gravel that was deposited by meltwater.</i>
Kame	<i>Sand and gravel deposits formed by running water on stagnant or moving glacier ice.</i>
Kettle	<i>Depressions that form when a block of ice becomes buried in sediment and then melts, leaving a pit behind.</i>
Moraines	<i>Accumulations of till and other sediments.</i>
Till	<i>A poorly-sorted mixture of fine and coarse rock debris deposited directly from glacial ice.</i>

