

JEOPARDY![®]



JEOPARDY!

Let's Play



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Weathering

Wind

Water

Ice

Gravity

What's Left?

**Weathe
ring**

Wind

Water

Ice

Gravity

**What's
Left?**

100

100

100

100

100

100

200

200

200

200

200

200

300

300

300

300

300

300

400

400

400

400

400

400

500

500

500

500

500

500

**The breaking
down or cracking
of rock.**

Weathering

**The breaking
down of rock by
physical
processes**

Mechanical Weathering

**Changing a rock's
composition or
changing a rock
by dissolving**

Chemical Weathering

Two examples of Mechanical weathering

**Ice wedging,
plants & animals,
falling from cliffs**

Two examples of Chemical Weathering

**Natural acids,
plant acids, acid
rain, dissolving
limestone**

**The major agent
of erosion in
desert areas.**

Wind

**Rows of trees planted
along fields to slow
down SOIL erosion**

Windbreaks

The type of wind erosion where smaller sediments are blown away. Large sediments are left behind.

Deflation

**Nature's
sandblasting of
rocks...**

Abrasion

**One example of
landform created
by wind
DEPOSITION**

Dunes, Loess

**The grand canyon
formed as a result
of this**

Water erosion

**A type of water
erosion that occurs
over large, flat areas**

Sheet erosion

**The reason fertile
soil is found at
the mouth of a
river**

**Nutrients are
deposited along
with sediments as
a river slows
down**

**One reason why
farming pollutes
water**

**Runoff of
pesticides and
fertilizers when it
rains**

**Compare and
contrast an
alluvial fan and a
delta**

**Alluvial fan:
deposited by a
river in a valley
delta: deposited
by a river at its
mouth.**

**A large, frozen
river that moves
under its own
weight**

glacier

**Gouges left in rock by
glaciers are the result of
this process**

plucking

**Bowl-like depressions
formed at the point
where glaciers begin**

Cirques

**Sharp ridges left
behind when two
side-by-side
glaciers erode a
mountain**

aretes

**A valley formed when
a glacier erodes a
mountain**

U-shape valley

**Slump, creep, rock
falls, and mud slides
are all examples of
this**

Mass movement

**The name of the
erosion by gravity
that causes tree
trunks to bend**

creep

**The cause of all
mass movement
on Earth**

gravity

**More material is
moved over time
by _____ mass
movement**

Slow

**Two methods of
making steep
slopes safer**

**Terracing,
planting
vegetation, using
concrete barriers**

A

**connects areas of
equal elevation on
a topographic
map.**

Contour line

**Lines close together
on a map indicate this**

Steep slope

**Line far apart on a
topographical
map indicate this**

**Gentle / gradual
slope**

**A topographic map
with a SMALL contour
interval indicates this**

**A relatively flat
area**

**Look at the map on
the board. Tell the
contour interval and
height of the hill.**

Contour interval:

25 m

Height of hill: 102-

125 m.

Final Jeopardy

Landforms

**Discuss any TWO
landforms on
Earth created as a
result of
DEPOSITION of
sediment.**

**Dunes, loess,
eskers, moraine
deposits, beaches,
sand bar, outwash
deposits, etc.**

**Daily
Double!**