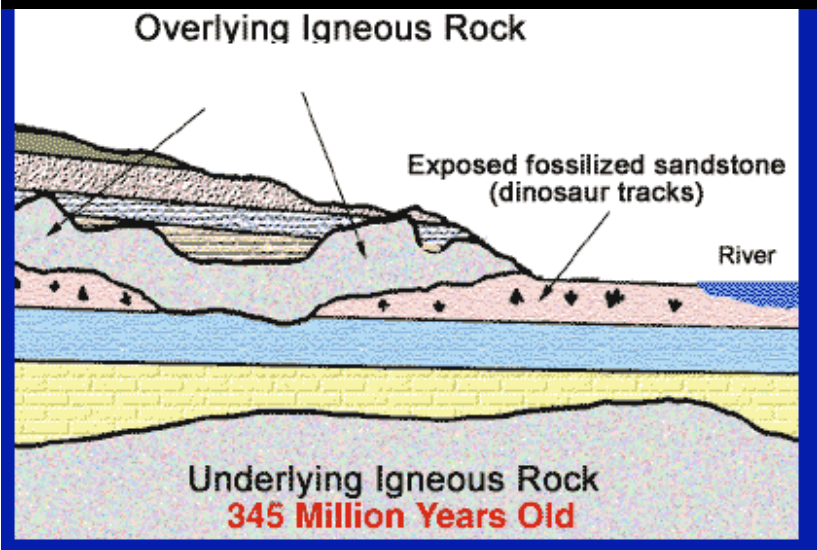


The Rules of the Game

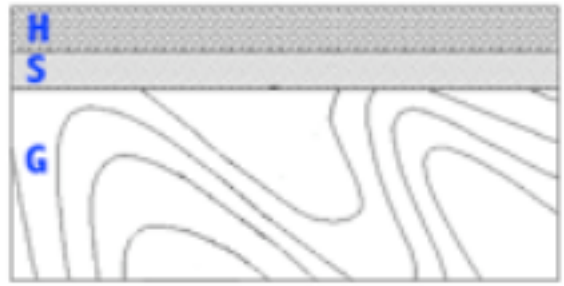
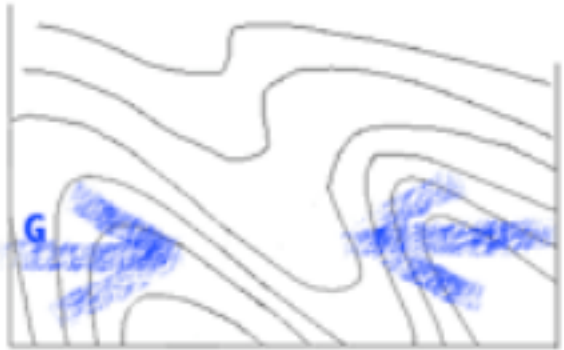
(The Laws/Principles of Geologic History)



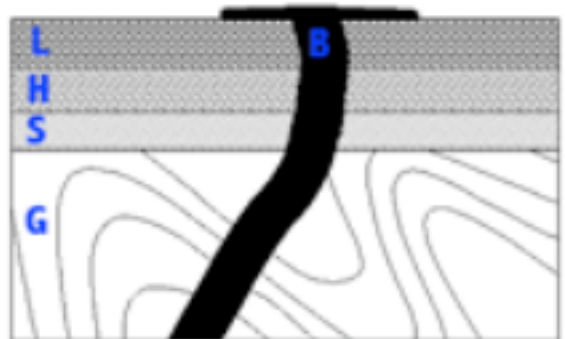
Name _____

Date _____

Class _____



G



**1. LAW OF
SUPERPOSITION**

- Ocean covers area
- Sedimentary layers are deposited

DEPOSITION

**2. PRINCIPLE OF
FOLDING**

- Tectonic activity causes plates to fold

FOLDING

**3. PRINCIPLE OF
UPLIFTING /
UNCONFORMITY**

- Area uplifted above ocean
- Rocks layers erode
--UNCONFORMITY FORMS
- Ocean covers area again
- Sedimentary layers form

**UPLIFT &
EROSION**

**4. LAW OF CROSS-
CUTTING**

- One more layer deposited
- Magma moves up through rock layers to the surface
- Volcano begins to form

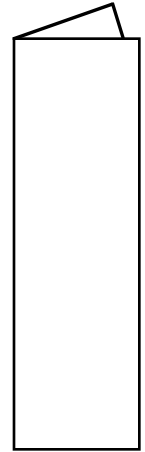
VOLCANO

RULES OF THE GAME FOLDABLE

Name _____ Class _____

DIRECTIONS:

1. Fold a piece of colored paper in half hot-dog-bun style.
2. Fold in half twice. Open and cut flaps half-way across.



3. Paste the four pictures in order from the last (most recent) on the bottom to first (oldest) on the top.
4. Inside: glue the corresponding ovals on one side and the numbered events/laws rectangle.
5. Glue the Picture Label and name tag on the back.
6. Punch holes on the left side.
7. Add your name, date and class to the name tag.
8. Add the correct page number on the upper right-hand corner of the front.

QUICK-CHECK QUESTIONS:

1. What has to happen before a rock layer can be deposited?
2. What has to happen before a rock layer can erode?
3. What has to happen before a volcano can erupt on the surface?
4. Demonstrate the Principle of Folding to a classmate using this piece of paper and then sketch what you did here:
5. What causes rock layers to fold?
6. What causes rock layers to uplift?