

# Bio-Geology 2018-2019

## How the Flood Affects us Today



### **Bio-geology. God's Love and Mercy in the Geological Record**

What is Bio-geology? Bio means life and these lessons will show how life on earth was affected by the geological formations created by Noah's Flood. Earthquakes, storms, tsunamis and tornados all started as a result of the Flood. We do not want to only learn a list of rock names and attributes. We also want to show that each rock is a miniature history book of God's involvement in the world we live in. All 16 Power Point lessons will be transferred to your flash drive/thumb drive the day of the class.

Once students take this class, they will see that the geology that surrounds us is a direct result of Noah's Flood that lasted over one year and not a result of evolution over millions of years.

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## Day 1 Non Musical Rock Groups

L1 Three Major Rock Groups. The Strata Game.

Gen. 6-8 Activity: Identify 4 boxes of rocks

L2 Building the Garden of Eden (5 rock layers) Gen.2

Make soil strata like a flower pot

L3 Grand Canyon Safari Seeing God's Basement

in Person Identify smaller boxes of rocks

L4 USA Geology Survey, The Big Picture.

"Hey! This ain't no local Flood"

Vocab Rock Flash Cards of 20 minerals.

## Day 2

L5-6 The Incredible Micro World of Diatoms.

Amazing creatures that help date the age of the earth.

Make a model of a diatom.

L7-8 Washington Scabland Adventure - Buried

Rhino Witnesses Flood

Game: 24 Squared Vocabulary

## Day 3 Flood sorting and Geological Layers

L9 – 12 Terraforming in 371 Days. How Noah's Flood created the major geological formations we see today.

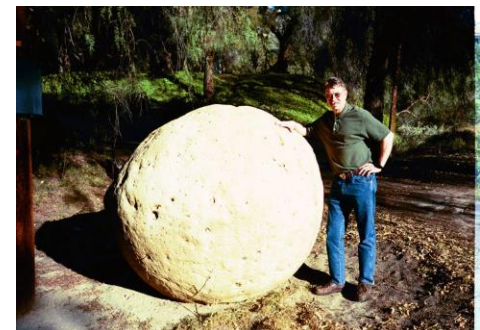
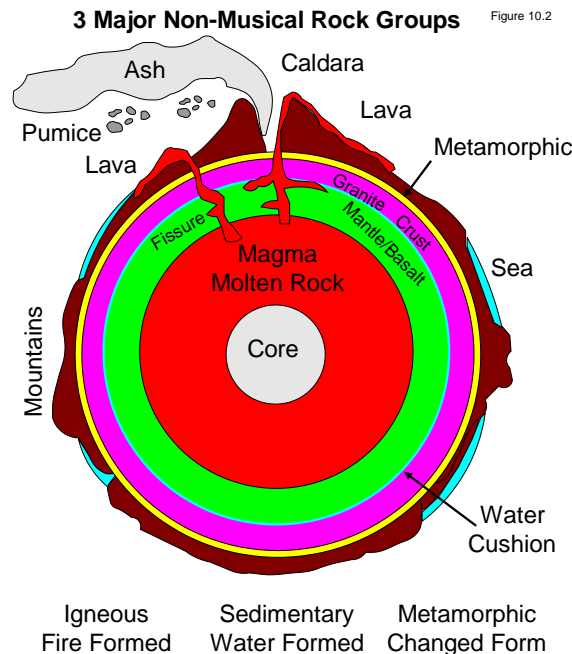
Flood Table

## Day 4 Volcanoes, Earth Quakes, Tsunamis

L13 – 16 Hydroplate & Plate Tectonics

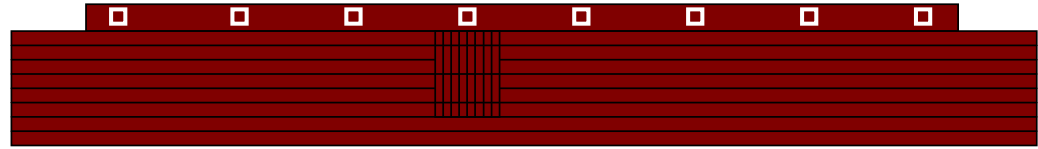
Game: Strata Box identification

BONUS - 50 Biblical Things You Can do to Save the World.



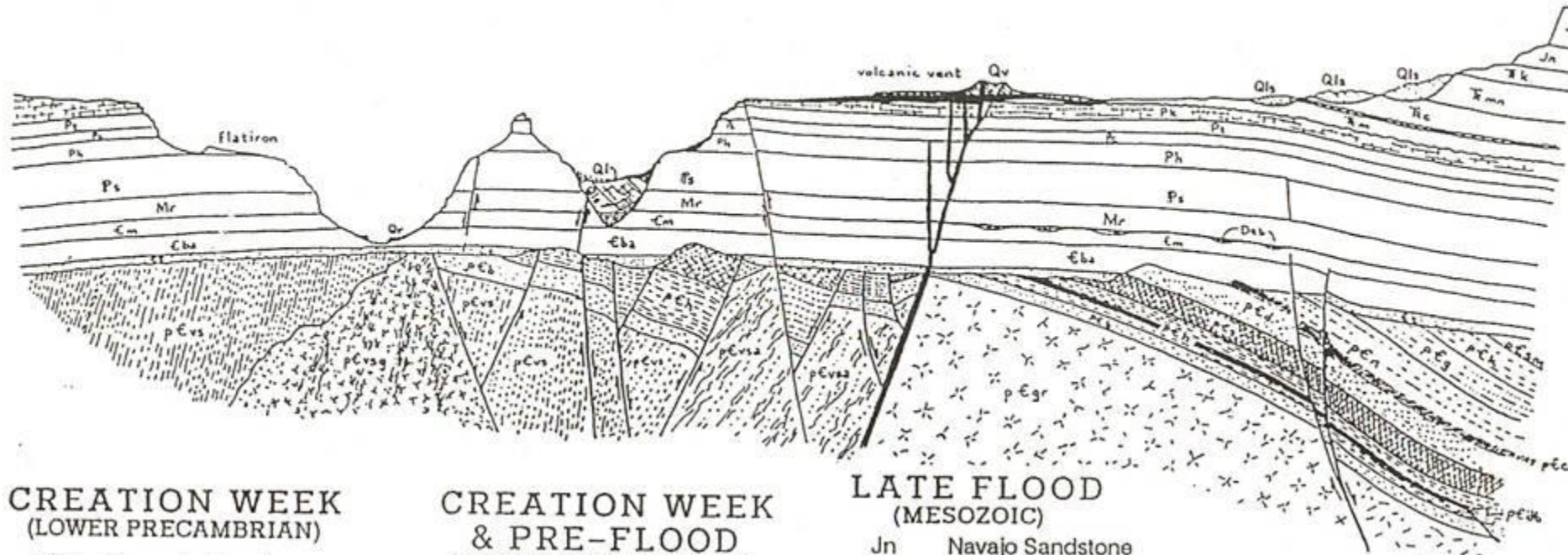
# Days of Rain and Time in the Ark

Lessons 9 -12 shows how major geological formations were formed by the Flood.



| Day | Gen. Verse   | Description   |
|-----|--------------|---|
| -7  | 7:10         | Minus 7-0 Days. Waiting for Rain [1 <sup>st</sup> month]                              |
| 0   | 7:10         | Day the rain starts.  |
| 40  | 7:11-12, 16b | Door sealed. (16b) Gully Washer Rains   |
| 110 | 7:19-20, 24  | Mountain Tops Covered (v20) 40+110=150 days into flood                                |
| 74  | 8:1-4        | Water Recedes. Ark Grounded on Ararat [17 <sup>th</sup> day of 7 <sup>th</sup> month] |
| 40  | 8:5, 6a      | Tops of Mountains Seen [1 <sup>st</sup> day of 10 <sup>th</sup> month]                |
| 28  | 8:7          | Raven sent [Four 7 day periods = 28]  |
| 22  | 8:12         | Dove Sent   |
| 57  | 8:14         | Dry Land "It's Over" [27 <sup>th</sup> day of 14 <sup>th</sup> month]                 |
| 371 |              | Total days from when the rain starts and Noah disembarks from the Ark.                |
| 379 |              | Total days if you include the 7 days they waited for rain.                            |

**HIGH LIGHT.** The Grand Canyon is one of the largest monuments to the results of Noah's Flood of any Geology in the world. The Colorado River has cut down one mile to show the layers of mud turned to stone that were laid down by the Flood during that incredible catastrophic event. We will study it in detail. I rode a mule down to the bottom in the year 2000 and as an eye witness I will show slides of the Flood results seen there.



### CREATION WEEK (LOWER PRECAMBRIAN)

- pCgr Zoroaster Granite
- pCvs Vishnu Schist  
(includes gneiss  
and amphibolite)

### CREATION WEEK & PRE-FLOOD (UPPER PRECAMBRIAN)

- pCsm Sixtymile Formation
- pCk Kwagunt Formation
- pCg Galeros Formation
- pCn Nankowep Formation
- pCc Cardenas Lavas
- pCdb Diabase Intrusions
- pCd Dox Sandstone
- pCs Shinumo Quartzite
- pCh Hakatai Shale
- pCb Bass Formation

### LATE FLOOD (MESOZOIC)

- Jn Navajo Sandstone
- Tk Kayenta Sandstone
- Tmn Moenave Formation
- Tc Chinle Formation
- Tm Moenkopi Formation

### EARLY FLOOD (PALEOZOIC)

- Pk Kaibab Limestone
- Pt Toroweap Formation
- Pc Coconino Sandstone
- Ph Hermit Shale
- IPs Supai Group
- Mr Redwall Limestone
- Dtb Temple Butte Limestone
- Cm Muav Limestone
- Cba Bright Angel Shale
- Cl Tapeats Sandstone

### POST-FLOOD (CENOZOIC)

- Qv Pleistocene Lava Flows
- Qls Landslide Deposits
- Ql Lake Sediments
- Qr River Terrace Gravels