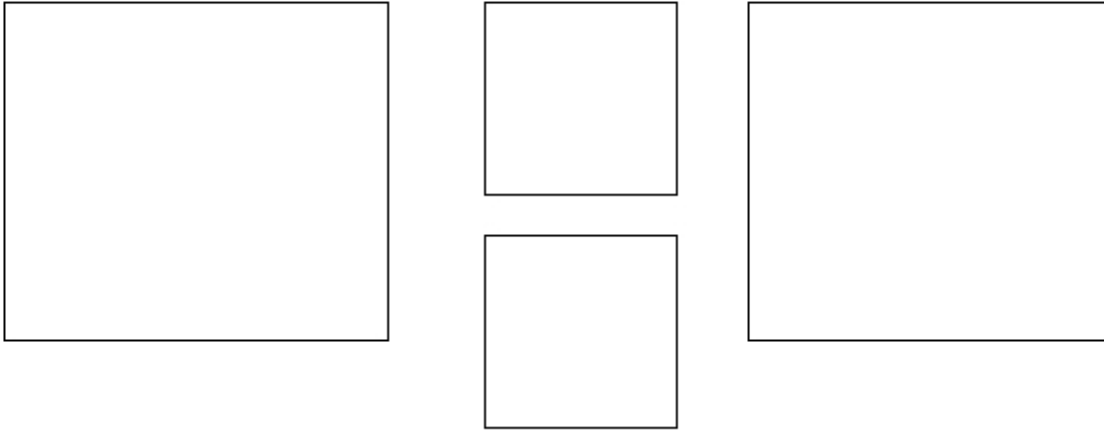


The Architectural Geology of Downtown Chicago
LET THE ADVENTURE BEGIN!!

Stop #1 Pittsfield Building 55 East Washington Street

How many different fossils can you find in this building? Draw them here...



Stop #2 Culture Center 78 East Washington Street

A pedestrian passing the Culture Center comments "This building needs some lotion." Why do you think they would say this?

Can you find evidence of exfoliation?

Why do you think this is happening?

Step #3 Inside the Culture Center

The inside of the Chicago's Culture Center is a world artistic landmark. What role did science play in making this art possible?

Stop right now, look up and be *AWESTRUCT!* Describe how that felt.

Stop #4 Amoco Building (Now Called the Aon Center)

200 East Randolph Street

Though this building was once covered in marble that came from the same quarry that once supplied Michelangelo with raw materials for his sculptures, it no longer is!!! Why?

Can you speculate what the total cost of this make over project was?

What type of rock is it covered in now?

Stop #5 The Carbide and Carbon Building

30 North Michigan Avenue

It has been said that this building is composed of "black marble." What rock kind of rock was it before it was transformed by mountain building forces?

If you look carefully, evidence of fossil snails can be found in this marble. What does this tell you about the magnitude of the transformation process. What does the word carbide mean?

Stop #6 343 Michigan Avenue

Built in 1928, the base of this building is often mistaken in architecture books as being composed of polished marble. Take a look for yourself. What kind of rock do you think makes up the base of this building?

Sop #7 Michigan Avenue Bridge

Michigan Avenue at Chicago River

Find a fossil in the limestone bridgehouse. How do you think it got there?

The four pillars that support this bridge represent something significant---what?
(Hint: on the Chicago flag there are four stars. These stars represent the same events.)

***Stop #8 Wrigley Building* 400-410 North Michigan Avenue**

When first built, the siding of this building was composed of "Terra Cotta," but is now covered with plastic replicas. What is Terra Cotta?

What process forced the Wrigley of the building to change the outside of their building?