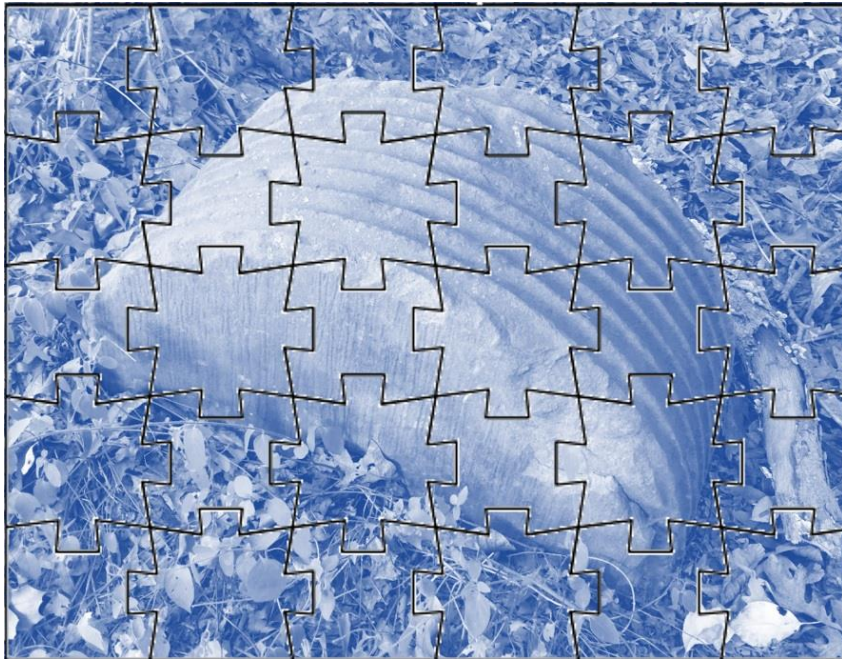


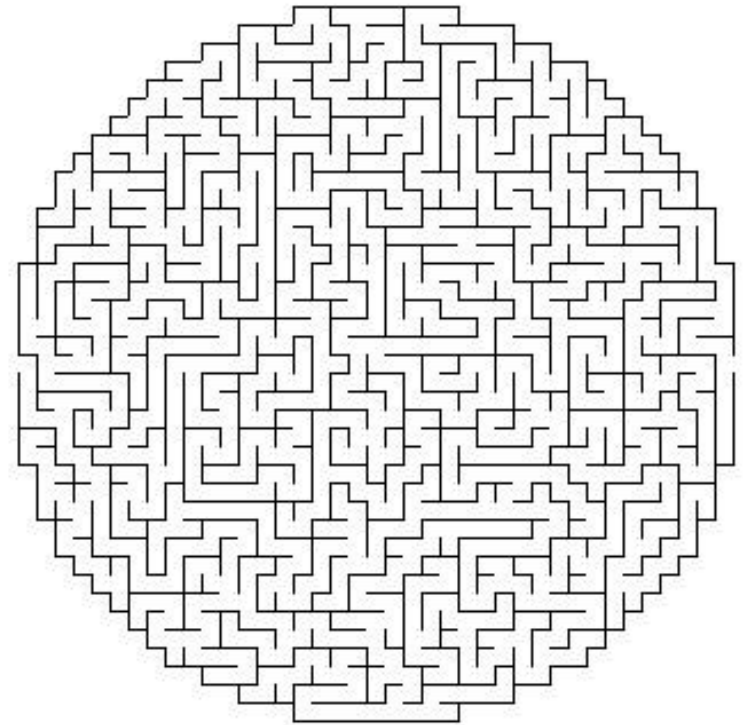
Cut out your own jig-saw puzzle!

This jig saw puzzle is a mill stone. Have you seen these in Eight Acre Woods? They were used to make flour by grinding the grains.



"Rock Solid History of Hawthorne NJ" Booklet

Enjoy these games! The maze below is shaped like a boulder. Some boulders in Hawthorne were moved here by big glaciers during the Ice Age.



"A Rock Solid History of Hawthorne" by V.M. Ditko is available on [Amazon.com](https://www.amazon.com) and local indie booksellers.

1

See if you can find all the words in the puzzle. To find out what the words mean, look in the book's Glossary!

Arkose	Asbestos	Asphalt
Basalt	Cornerstone	Excavate
Fissures	Fossil	Geology
Granite	Hadrosaurus	Pangea
Quarry	Sandstone	Weir

Z S V T Z R P S N B E Y
B T A H L A I E M N L G
F A C N N A T E O Y A O
O P S G D I H T W E S L
S A E A N S S P X B B O
S A M A L R T C S D E E
I E R I E T A O M A S G
L G X N Z V Z Q N I T J
E Y R R A U Q H Z E O X
H O D T A R K O S E S H
C S E R U S S I F Q E H
H A D R O S A U R U S M

6

Some other books about rocks and fossils at the [Louis Bay 2nd Library](#) in Hawthorne:

- "Rocks and fossils" by Chris Pellant. Kingfisher, Boston, 2003.
- "Fossil" by Paul D. Taylor. Eyewitness books, Knopf, New York, 1990.
- "Rocks and minerals" Kathleen Weidner Zoehfeld. National Geographic, Washington, DC, 2012.
- "Prehistoric life" by William Lindsay. DK Eyewitness books, London and New York, 2012.

5

Choose the option below that is made from rocks:

- A. Cement sidewalks
- B. Bricks
- C. Cemetery stones
- D. Plaster walls
- E. Monuments
- F. All of the above

Did you choose F? That's right!

To learn more about all of this and more, check out "[A Rock Solid History of Hawthorne, New Jersey](#)" by Veronica MacDonald Ditko. It is available on Amazon.

2

Match a local historical place to its picture:

Rea House



Peoples Bank



Library



Answers: Rea House is a, Peoples Bank is b, Library is c.

3

These fossils were found in nearby brooks. What do you think they were?



a.



b.

a.

b.

Answers: a. brachiopod (lamp shell);
b. crinoid column (a sea lily's stem)

4

Coloring Page

Do you know what kind of rocks are found in New Jersey?
See if you can match the colors from a geologic map of New Jersey.

