

Collection of Links relating to the Stomachion

A talk on the Archimedes palimpsest. I recommend just the first 9 minutes and 20 seconds:

http://www.ted.com/talks/william_noel_revealing_the_lost_codex_of_archimedes?language=en

Here's a page showing all 536 solutions.

<http://www.gamepuzzles.com/536solt.htm>

This page relates the stomachion to Pick's Theorem (Street Corner Polygons):

<http://www.math.nyu.edu/~crrres/Archimedes/Stomachion/Pick.html>

This page clearly shows the vertices of the tiles at street corners and gives the area of each piece:

<http://www.math.nyu.edu/~crrres/Archimedes/Stomachion/construction.html>

This page has some esoteric math, but also introduces the simpler "Stomach" puzzle:

<http://www.math.ucsd.edu/~fan/stomach/tour/stomach.html>

This page discusses the stomachion and the branch of math called combinatorics:

<http://archimedespalimpsest.org/about/scholarship/combinatorics.php>

This is the official web site of the Archimedes Palimpsest Project:

<http://www.archimedespalimpsest.org/>

This pdf has a very scholarly discussion of the treatise by Archimedes on the stomachion, and its transmission (and partial loss):

<http://www.matetam.com/sites/default/files/ostomachion.pdf>

Here is a link to a book about the Archimedes palimpsest:

<http://www.amazon.com/The-Archimedes-Codex-Revealing-Antiquitys/dp/B003P2VCFC>

Finally, there are several versions of the puzzle available for purchase. Here is a link to one we've used at school that seems to have accurately made pieces:

<http://www.amazon.com/Red-Hen-Toys-RHT-043-Archimedes/dp/B002UZAV3Y>