

Geometry Lost: Links and References

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The Anthropology of Mathematics (Humans doing Mathematics)
TVO Big Ideas podcast Ian Hacking on The Mathematical Animal 18/03/11
<http://www.tvosites.org/WebObjects/TvoMicrosite.woa?bi?1300568400000>

Number Sense:

The Number Sense: How the mind creates mathematics; Stansilas Dehaene, 1997
The Mathematical Brain, Brian Butterworth, 1999

Early Geometry:

Elizabeth Speilke: http://www.institutnicod.org/lectures2009_outline.htm
includes audio download link, as well as **Beyond Core Knowledge: Natural Geometry**

Susan Carey at Harvard: www.wjh.harvard.edu/~lds/carey.html

Doug Clements: <http://www.ubbuildingblocks.org/>

The Decline and Rise of Geometry in 20th Century North America:

http://wiki.math.yorku.ca/index.php/CMEF_Geometry_Curriculum

Big Ideas in Geometry:

http://wiki.math.yorku.ca/index.php/Big_Ideas_Concepts_Procedures

Chiral Molecules

Caraway and Mint: <http://americanhistory.si.edu/kids/molecule/04exp.htm>
Thalidomide: <http://en.wikipedia.org/wiki/Thalidomide>

Voronoi Diagrams: http://www.voronoi.com/wiki/index.php?title=Voronoi_Applications
<http://www.youtube.com/watch?v=VphcMhtpeTA&feature=related>

3D or not 3D that is the question:

CMESG Working Group <http://wiki.math.yorku.ca/index.php/CMESG>

Curé' s Principle: http://en.wikipedia.org/wiki/Pierre_Curie

Noether' s Theorem: http://encyclopedia.kids.net.au/page/no/Noether%27s_theorem

Affine Geometry <http://www.maths.gla.ac.uk/~wws/cabripages/klein/affine00.html>

A geometer' s K-13 Curriculum (Donald Coxeter et al)
http://wiki.math.yorku.ca/index.php/CMEF_Geometry_Curriculum

Geometry with Eye and Hand (Walter Whiteley video) :

<http://ccadgme.blogspot.com/>