

# Creative Geometry - the easy way

Short video clips of how to fold polygons

<http://www.youtube.com/watch?v=ukZ3qeOjA7w&feature=related> square

<http://www.youtube.com/watch?v=HGb8sj63dl4> isosceles triangle

<http://www.youtube.com/watch?v=6dA2R8bLb7Q> equilateral triangle

<http://www.youtube.com/watch?v=JoEx5xVu5xQ&feature=related> rhombus

<http://www.youtube.com/watch?v=YUIYtQW7cEs&feature=related> kite 1

[http://www.youtube.com/watch?v=fDc\\_xkNg9-g&feature=related](http://www.youtube.com/watch?v=fDc_xkNg9-g&feature=related) kite 2

<http://www.youtube.com/watch?v=r9zTU0wE3FY&feature=related> pentagon

<http://www.youtube.com/watch?v=rKCeVDUjffC&feature=related> hexagon

<http://www.youtube.com/watch?v=zQE-0Kp4Udk&feature=related> octagon

Motivate website: be a paper mathematician and pattern and shape

[http://motivate.maths.org/conferences/conference.php?conf\\_id=89](http://motivate.maths.org/conferences/conference.php?conf_id=89)

[http://motivate.maths.org/conferences/conf183/c183\\_projects.shtml](http://motivate.maths.org/conferences/conf183/c183_projects.shtml)

Pull-up Nets: Mathematics Teaching 208

<http://www.atm.org.uk/mt/archive/mt208.html>

NCETM: AIM project - visiting an exhibition: Form Shape and Space, Islamic Tilings and Platonic Solids (teacher's booklet)

<http://www.ncetm.org.uk/Default.aspx?page=13&module=res&mode=100&resid=9150>

Fibonacci numbers and the Golden ratio

<http://www.mcs.surrey.ac.uk/Personal/R.Knott/Fibonacci/fibInArt.html>

<http://goldennumber.net/>

<http://www.bbc.co.uk/radio4/science/5numbers3.shtml>

Maths and Art <http://www.maths2art.co.uk/>

Calendar models <http://www.cleavebooks.co.uk/trol/trolqc.htm>

Mathsnet <http://www.mathsnet.net/geometry/index.html>

Puzzlemaths tangram game

<http://www.channel4learning.com/sites/puzzlemaths/>

Tangrams telling a story <http://www.tygh.co.uk/tan/tan.htm>

Grandfather Tang story <http://www.teachnet-lab.org/ps101/chornik/grandfather.htm>