



Joyfulmathswithruth

FREE
all ages
interactive
Maths lesson

Maths In Motion

ART

Geometric art



To join please bring:
Paper, pens/pencils or
paints in many colours,
masking tape if you have
it, ruler and pencil

Something to think about:

What shapes can you spot?



Space to answer, note
your thoughts, or just
have a doodle!



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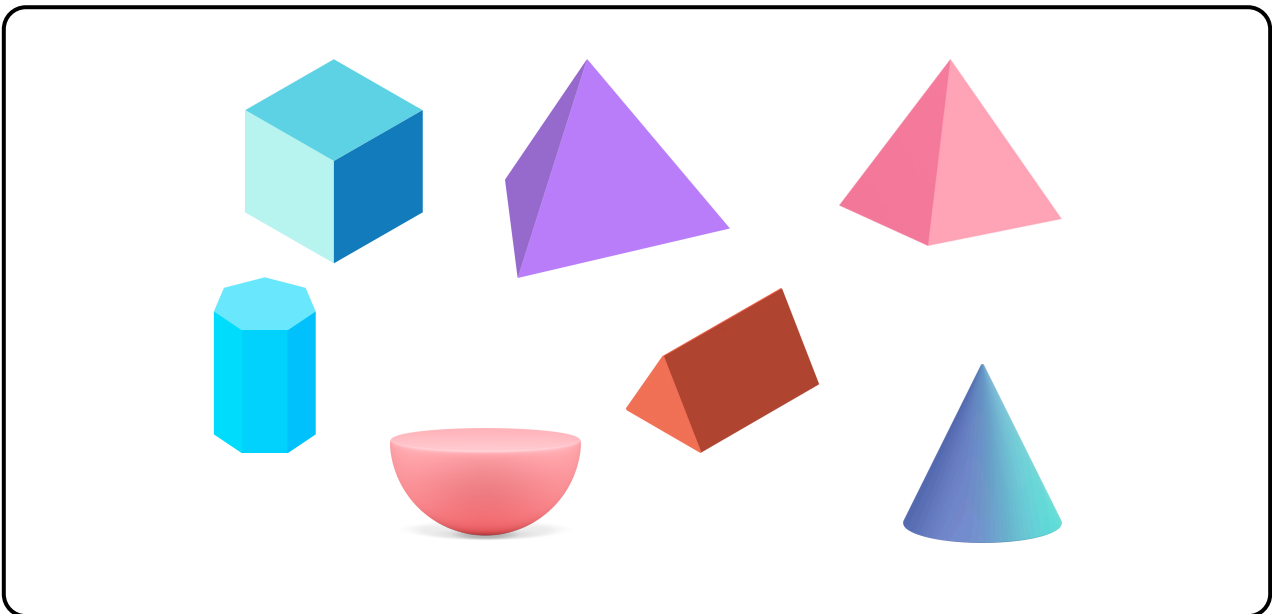
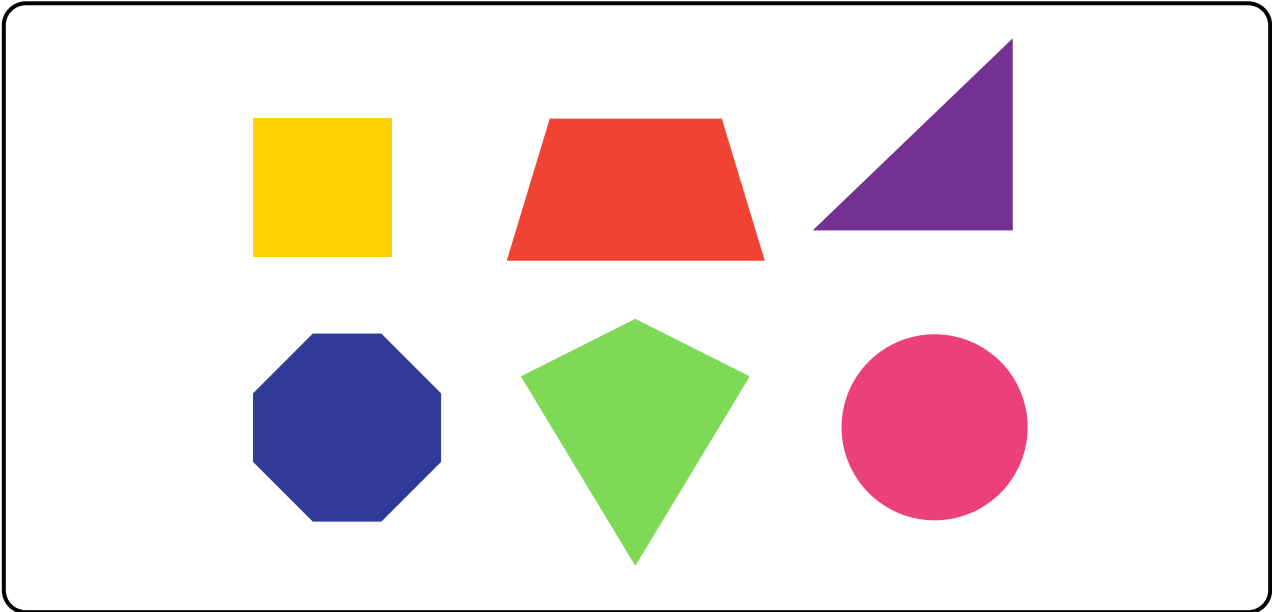
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Geometric shapes

Geometric shapes have special and

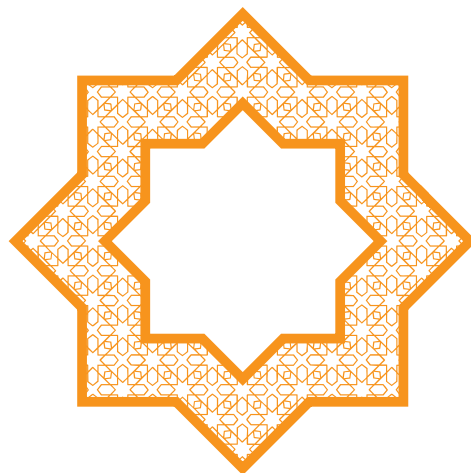
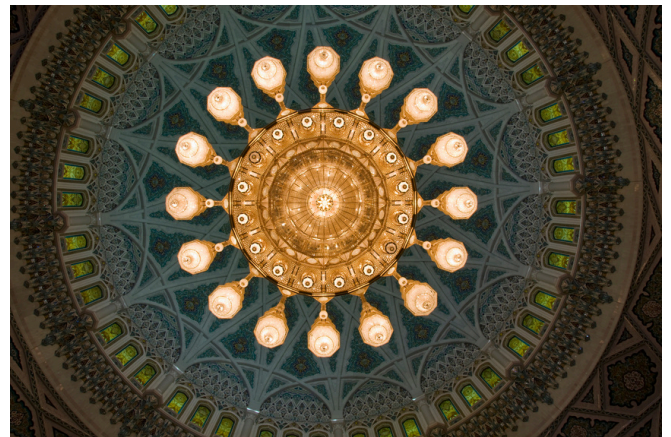
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They can be or



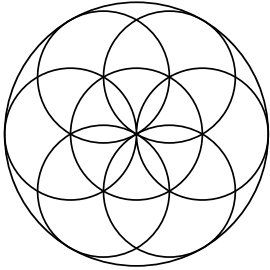
Islamic geometry designs

There are specific rules that you can follow to create these beautiful geometric designs

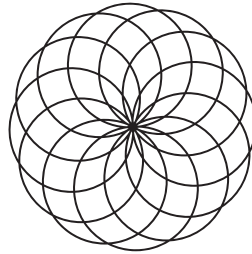


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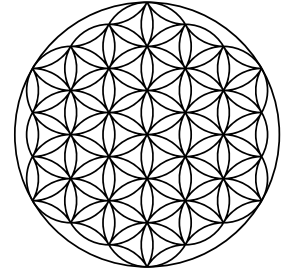
The Sacred Geometry



Seed of life



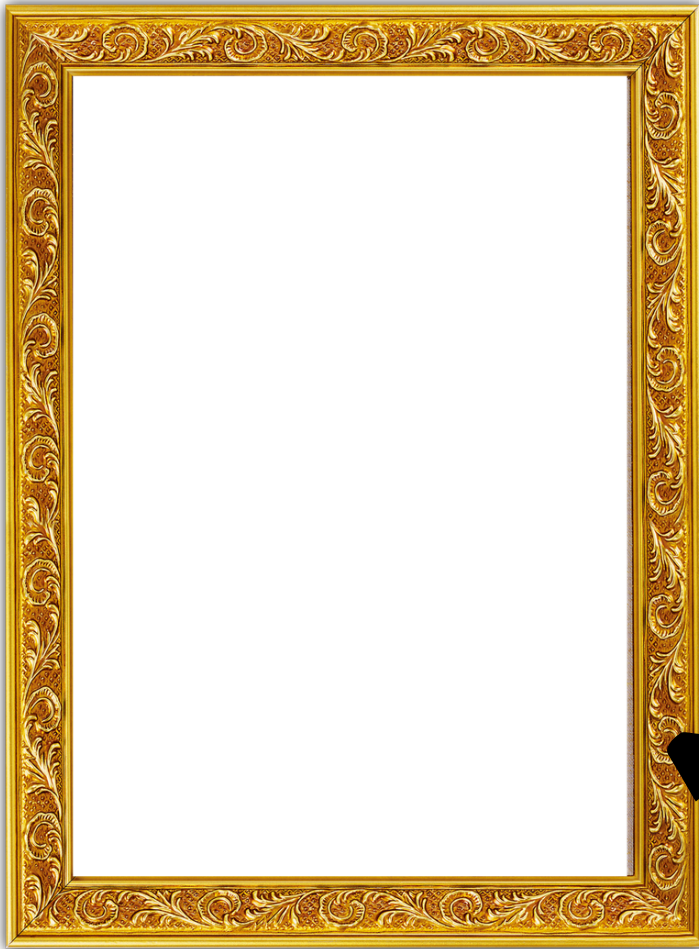
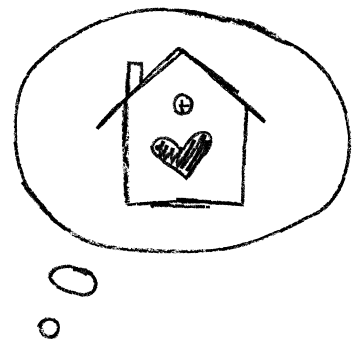
Lotus of life



Flower of life

What do you see?

Explore at home:



Artist to explore:

James Brunt

<https://www.jamesbruntartist.co.uk/>

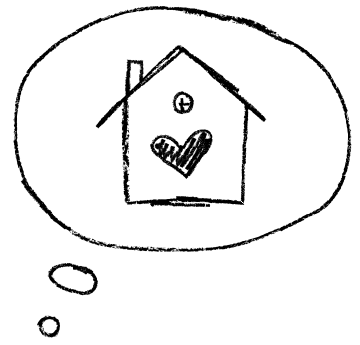
A picture of him or some of his work that shows symmetry



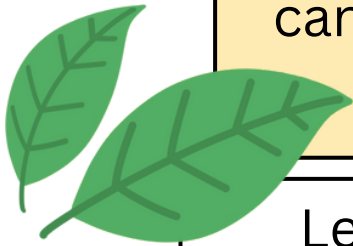
Space for your notes, drawings or a collage



Explore at home:



Geometric patterns in nature hunt!
Get out and about and explore your
environment,
can you find any geometric patterns
in nature?



Let's go explore, just take a peek,
Nature hides the shapes we seek!

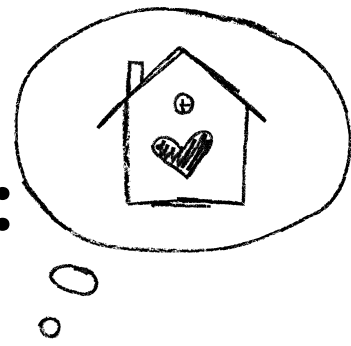
A rock is round, a leaf has lines,
Pinecones spiral, tree branch designs.

Spiders spin webs with neat designs,
A wasp nest with hexagons and lines.

From shells to clouds, the patterns stay
Geometry is nature's way!



Explore at home:

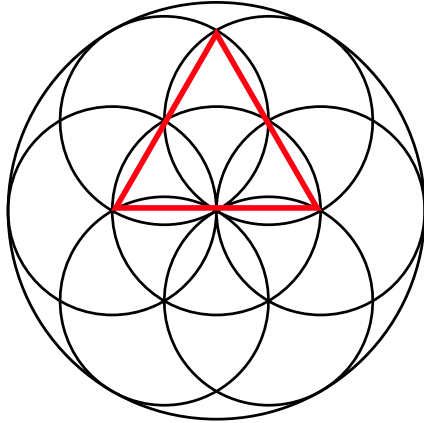
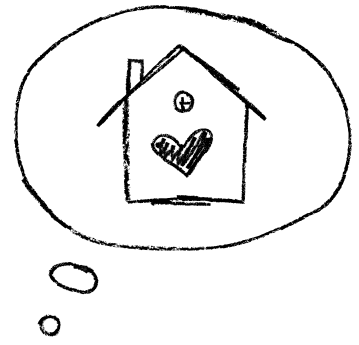


Can you create your own version of James Brunt's amazing, natural geometric patterns?

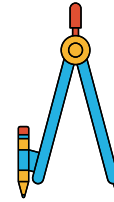
Please share your creations, I would love to see what you come up with!

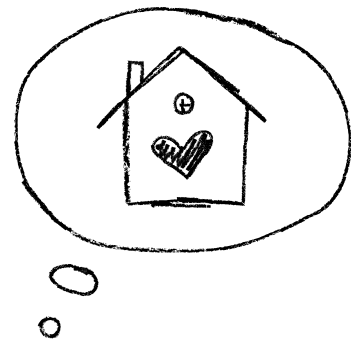


Explore at home:



Experiment with
a set of
compasses





Explore at home:

Here are some videos that you might enjoy:

Islamic geometry:

<https://www.youtube.com/watch?v=pg1NpMmPv48>

How traditional Moroccan tiles are made:

<https://www.youtube.com/watch?v=t-n03ano-Ak>

Guides to creating your own geometric art:

<https://design.tutsplus.com/series/geometric-design-for-beginners--cms-790>