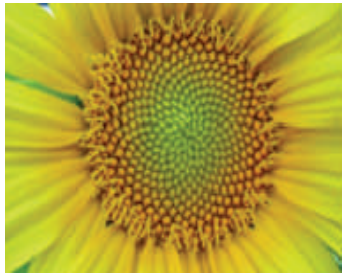
MATH IN NATURE

You can find math everywhere! It exists everywhere in nature; flowers, beehives, pineapples and seashells just to name a few. You just have to know what you are looking at.



REFERENCES:

- http://www.abc.net.au/science/photos/mathsinnature/
- http://mathworld.wolfram.com/GoldenRatio.html

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MATH IN NATURE

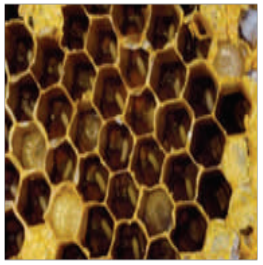
A LEARNING COMMUNITY

The Fibonacci Sequence

The Fibonacci Sequence answers the question: If a pair of rabbits is placed in an enclosed area, how many rabbits will be in there if we assume that every month a pair of rabbits produces another pair, and that rabbits began to bear young two months after their birth? The sequence is the answer: 1,1,2,3,5,8,13,21,34,….

GEOMETRY IN NATURE

You can find many shapes in nature. For example, a beehive is created by hexagons (*six-sided polygons, closed, 2-dimensional, many-sided figures with straight edges).*



A turtle shell also provides an example of hexagons in nature.

THE GOLDEN RATIO

The golden ratio is a number usually encountered when taking the ratio of a distance, approximately 1.6180339887. You can find examples of it everywhere. For example, the inside of a nautilus shell.