

Fibonacci Sequence

Lesson Title: *The Fibonacci Sequence*

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Name: _____

Use the suggested websites found on the Fibonacci E-Sheet to respond to the following questions.

Fibonacci E-Sheet: <http://www.sciencenetlinks.com/Esheet.cfm?DocID=166>

Fibonacci's Rabbits

In a sentence or two, describe how the Fibonacci sequence relates to the rate at which rabbits reproduce.

Honeybees and Family Trees

In a sentence or two, describe the relationship of the Fibonacci sequence to the reproduction of honeybees.

Petals on Flowers

Select one of the flowers shown on this page and describe its relationship to the Fibonacci sequence.

Solve the puzzle of the seashell spiral

How might knowing the Fibonacci number pattern be useful?

What kinds of things can the numbers in the Fibonacci sequence represent?