## Nature and Numbers

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An {iPi}CreativeLab Production





Do you see that Snail there?

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Oh yeah! I can see that. It's beautiful!

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Maria

Correct! Don't you think, that snail shell is astonishing.

Maria

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Yeah! It's beautiful, specially that snail shell.

I agree and I know for a fact that the Spiral shapes of Snails follow the mathematical Fibonacci Series.

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Oh really!! I didn't know that. But how?

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OBuddy: Look at this, one is Snail shell and another one is Fibonacci spiral.



## Fibonacci spiral



1 Buddy: I can see that both have same spiral shape.

O Buddy: Observe this now, Fibonacci series starts from O and 1 and when we add the previous two numbers we get the next.

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Innacci Series	1
	0+1=1
	1+1=2
	1+2=3
	2+3=5
	3+5=8
	5+8=13
	8+13=2

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1 Buddy: Hey! This looks interesting. But can you please explain me, how series is related to the spiral shape.

O buddy: Yes! why not!! The spirals are made up of many quarters of increasing sized circles.

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O Buddy: and interestingly in these quarters, the increasing radii follow the Fibonacci series.

Wow O Buddy! That's interesting. I'm glad that I have learned a new Concept today.

CC

Maria

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More Stories are on the Way!