

CALIFORNIA STATE SCIENCE FAIR 2006 PROJECT SUMMARY

Name(s)	Project Number
Aaron E. Boussina	J1206
	01200
Project Title	
Fibonacci in Nature	
Objectives/Goals Abstract	
The purpose of my project was to observe the occurrences of Fibon Fibonacci ratio, and the Fibonacci spiral in nature.	acci numbers, sequences, the
Methods/Materials The experimental methods were as follows:	
 I measured the three sections of people's fingers, and calculated each finger in order to confirm the Fibonacci Ratio. 	the ratios of the three bone sections in
2. I went outside to observe plants and flowers in order to find Fibeleaves and pedals.	
3. I organized the Fibonacci numbers in a table and derived the Fib sequences.	oonacci ratio, spiral, and Fibonacci
Results Results indicate that Fibonacci numbers, sequences, ratios, and spir breeding patterns, shells, pinecones, human fingers and much more	
Conclusions/Discussion It was concluded that there is an abundance of Fibonacci numbers, There are Fibonacci numbers all around us, wherever we go; which Mathematics is part of the natural process (nature is a Mathematicia	confirms my hypothesis that
Summary Statement	
Observing the occurrences of Fibonacci numbers, sequences, the Fi in nature.	ibonacci ratio, and the Fibonacci spiral
Help Received	

Parent helped glue items to the display board and proof-read my work. Parents and friend provided their fingers for measurement.