



**CALIFORNIA STATE SCIENCE FAIR
2005 PROJECT SUMMARY**

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| Name(s) Kaelin A. Swift | Project Number J1215 |
| Project Title Fibonacci Flowers | |
| Abstract Objectives/Goals The growth rate of the Fibonacci sequence is studied using the spreadsheet Excel. The Fibonacci sequence occurs in nature in many situations. The observations are used to answer questions about rates. Methods/Materials A spreadsheet was used to study the numerical Fibonacci sequence. Results The growth rate is determined for the sequence and shown to be independent of starting sequence values. Conclusions/Discussion For some organisms, growth rate does not depend upon size. | |
| Summary Statement The Fibonacci sequence is studied numerically. | |
| Help Received Father helped with spread sheet. | |