Scope and Sequence

- Preschool – Asking questions, making predictions, and solving problems through experiments and free play.
- Kindergarten & First Grade – Pre-keyboarding and Exploration
- Second Grade – Typing, Code Monkey, Word Processing
- Third Grade – Typing, Code Monkey, Google Docs & Classroom
- Fourth & Fifth Grade – Typing, Code Monkey, Google Docs & Classroom, Other online & in-person supplemental programs



Our Philosophy at SCCS

STEAM & Project-based Learning have been integrated into the fabric of our program at SCCS since the founding of our school. From Preschool to Fifth Grade, we take learning from basic knowledge to the point where a student can teach and describe their learning to others.

Distinctives

- Learning and activities are designed intentionally and built into our curriculum.
- Hands on and interactive, not solely screen-based learning
- Developmentally appropriate



S.T.E.A.M. at SCCS

A Grade by Grade Overview



Sampler of STEAM Supportive Activities

Preschool – First Grade

STEAM Education at SCCS Preschool

- Promote problem solving
- Reinforce creative thinking and reasoning skills
- Encourage flexibility and adaptive thinking
- Support collaboration and communication
- It is Fun!

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Kindergarten

- Weekly Science Investigations
- Penguin Diorama
- Apples & Pumpkins Projects

First Grade

- Gardening in the School Garden
- Understanding Our Five Senses
- Seed Growth Investigative Project



Second & Third Grade

- Gardening in the School Garden
  - Composting & Recycling
  - Habitats
- Computer Literacy
  - Typing.com
  - Code Monkey
- Google Docs & Apple Pages
  - **Second Grade**
    - State Project
    - Endangered Species Project
    - US Presidents Project
  - **Third Grade**
    - Solar System Project
    - Book Reports
    - Famous American Research & Theatrical Presentation
    - Continent Study



Fourth & Fifth Grade

- Gardening in the School Garden
  - Composting & Recycling
  - Stewardship & Earth-care
- Computer Literacy
  - typing.com
  - Code Monkey (4th Grade)
  - code.org (5th Grade)
  - quizlet.com (4th Grade)
- Google Classroom
  - Google Docs (4th Grade)
  - Google Slides (5th Grade)
- Science Fair
- Math Olympiad

