

# FOSS SCIENCE

Full Option Science System

Research-based science  
curriculum developed at the  
Lawrence Hall of Science,  
University of California, Berkeley.



FOSS

Next  
Generation



# BACKGROUND

- Consultation with the Elementary Instructional Council, composed of representatives from all elementary schools in the district.
- The Instructional Council has diligently considered the landscape of instructional materials in elementary schools since January 2020 and provided strong support for this proposal.
- This adoption will serve as a blueprint for future materials adoptions, including those that have been in “pilot” implementation for an extended period of time.

# PUBLIC REVIEW TIMELINE

## Public Review and Adoption - July 6 - August 6

- Webpage - Announcements
- Parent Square Message to all families TK-5
  - Live Webinars:
    - Webinars Scheduled as follows
      - Weds. July 22, 4:30-5:30 p.m.
      - Weds. July 29, 8:30-9:30 a.m.
      - Weds. August 5, 4:30-5:30 p.m.
- By Appointment
  - Email: [curriculum@sbunified.org](mailto:curriculum@sbunified.org)

**Recommendation for Adoption to Board of Education - Tuesday, August 11, 2020**

# HOW WILL THIS PROGRAM PREPARE STUDENTS?

- Learning connected to the natural world.
- Hands-on active learning.
- Active engagement in science and engineering practices.
- Requires collaboration, critical thinking, communication, and creativity.
- Instill a love for science.

## Insects and Plants

INVESTIGATIONS GUIDE



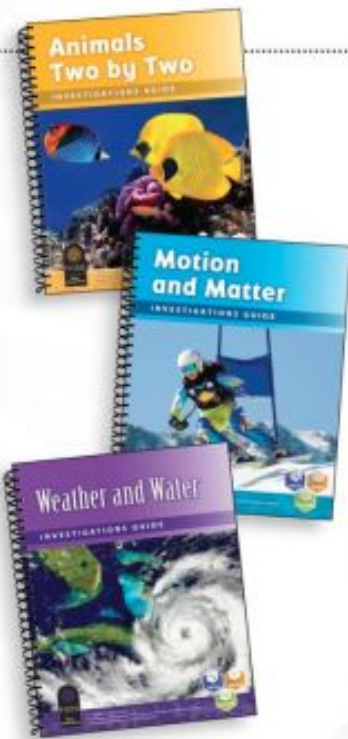
Full Option Science System  
Developed at the Lawrence Hall of Science, University of California, Berkeley  
Published and Distributed by Delta Education



## Instructional Resources Available on FOSSweb

### Digital Print Materials

- e-Investigations Guide (Teacher Guide)
- Student e-Books (English, Spanish, and Audio versions)
- Science Notebook Guidance
- Science-Centered Language Development Strategies
- Notebook and Assessment Blackline Masters
- Taking FOSS outdoors

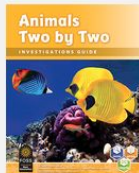


### FOSS Multimedia Resources

- Multimedia Activities (grades K–8)
- Streaming Videos (grades K–8)
- Tutorials and Virtual Investigations (grades 3–5)
- Teaching Slides (grades K–8)
- Vocabulary Support and Home/School Connections







## Animals Two by Two

Next Generation

*Resources by Type*

**Resources by Type**

Resources by Investigation

**Teaching the Module**

[PDF-based eInvestigations Guide](#)

[Interactive eInvestigations Guides](#)

[Resources by Investigation](#)

[Teacher Prep Videos](#)

[Teacher Resource Introductory Videos](#)

[Module Summary](#)

[Important Module Updates](#)

[Module Teaching Notes](#)

[Home/School Connection](#)

**Materials and Kit Information**

[Materials Chapter](#)

[Module Kit Contents](#)

[Equipment Photo Cards](#)

[Equipment Photo Cards \(Hi-res\)](#)

[Word Wall Cards](#)

[Safety Data Sheets](#)

[Plant and Animal Care](#)

[Posters and Card Sets](#)

**Teacher Resources**

[Teacher Masters](#)

[Assessment Chapter](#)

[Assessment Checklists](#)

[FOSSweb and Technology Chapter](#)

[Animals Two by Two Framework and NGSS](#)

[FOSS Program Goals](#)

[Planning Guide and Other State Resources](#)

[NGSS Three-Dimensional Learning](#)

[Access and Equity](#)

[Science Notebooks in Grades K-2](#)

[Science-Centered Language Development in Grades K-2](#)

[FOSS and Common Core](#)

[Taking FOSS Outdoors](#)

**Digital-Only Resources**

[Multimedia](#)

[Student eBook \(English\)](#)

[Student eBook \(Spanish\)](#)

[Streaming Videos](#)

[Teaching Slides](#)

[Focus Questions](#)

[Vocabulary](#)

[Science and Engineering Careers Database](#)

[Recommended Books](#)

[Recommended Websites](#)

[Regional Resources](#)

[Image Galleries](#)

# **BOARD ACTION**

**Recommendation for Adoption of FOSS  
Instructional Materials**

# QUESTIONS?

Thank You