

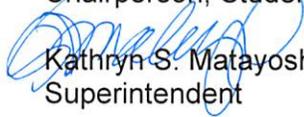


STATE OF HAWAII  
DEPARTMENT OF EDUCATION  
P.O. BOX 2360  
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

June 7, 2016

TO: The Honorable Patricia Halagao  
Chairperson, Student Achievement Committee

FROM:   
Kathryn S. Matayoshi  
Superintendent

SUBJECT: **Update on Next Generation Science Standards ("NGSS") Implementation Plan**

1. DESCRIPTION

On February 16, 2016, the Board of Education adopted the Next Generation Science Standards (NGSS). The Department of Education's Office of Curriculum, Instruction and Student Support (OCISS) has developed a plan for NGSS implementation.

2. UPDATE

OCISS will provide an update to the Student Achievement Committee regarding the implementation plan for NGSS.

KSM:CSM:lh

Attachment

c: Office of Curriculum, Instruction and Student Support



## Student Achievement Committee

June 7, 2016

# Update on Next Generation Science Standards ("NGSS") Implementation Plan

OFFICE OF CURRICULUM, INSTRUCTION AND STUDENT SUPPORT

HawaiiPublicSchools.org

**OCISS**



## OCISS Updates

- Since February 2016
  - Presented elementary NGSS/C3 Framework Sessions across state
    - 10 total since end of January
    - Over 300 teachers, curriculum coordinators, administrators, and district staff attended
  - Collaborated with NGSS Network of adopted states
  - Participated in national meetings for NGSS implementation support with OCISS AS and Director
  - Developed Implementation Reflection Tool and shared for feedback
  - Shared NGSS updates with partner organizations (e.g. HEEA, HISC, UHM)
  - Refined implementation plan based on feedback from stakeholders
  - Hired OCISS Science RT

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**OCISS**





## Goals

- Provide ALL students with rigorous, engaging, equitable opportunities in science education
  - Build capacity at state, complex areas, schools
  - Facilitate communication to inform implementation



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**OCISS**



## Cooperative Effort

- HIDOE State Offices
  - OCISS
  - Assessment and Accountability
  - Communications
  - Facilities
- Complex Areas
- Schools
- External Partners
  - Teacher Preparation Programs (via Teacher Education Coordinating Committee)
  - Outreach and Professional Development

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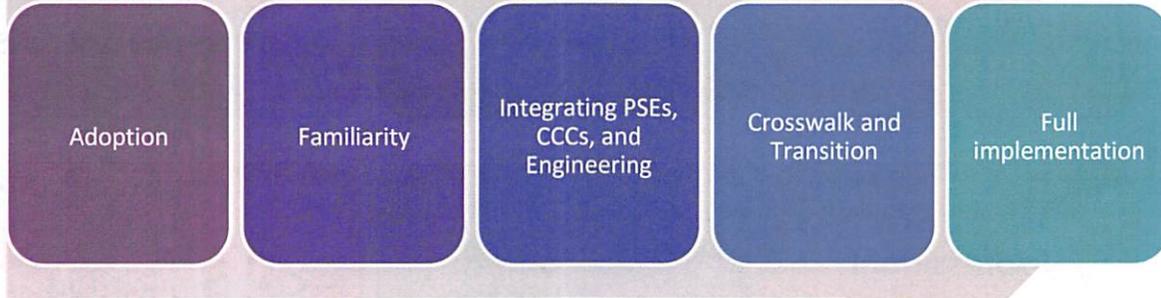
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**OCISS**





# NGSS Implementation



[http://bit.ly/HISci\\_NGSSplan](http://bit.ly/HISci_NGSSplan)



# NGSS Implementation

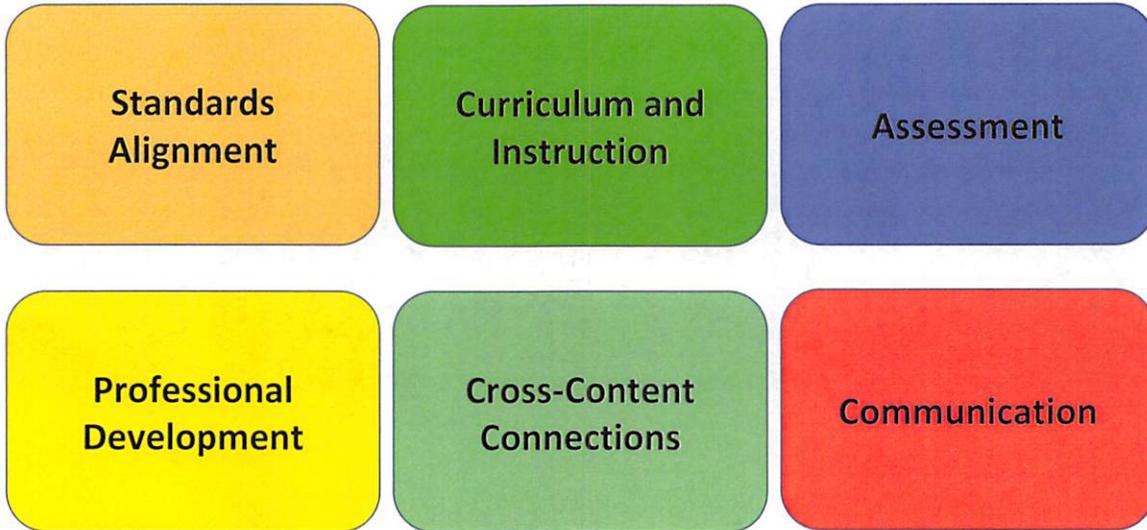


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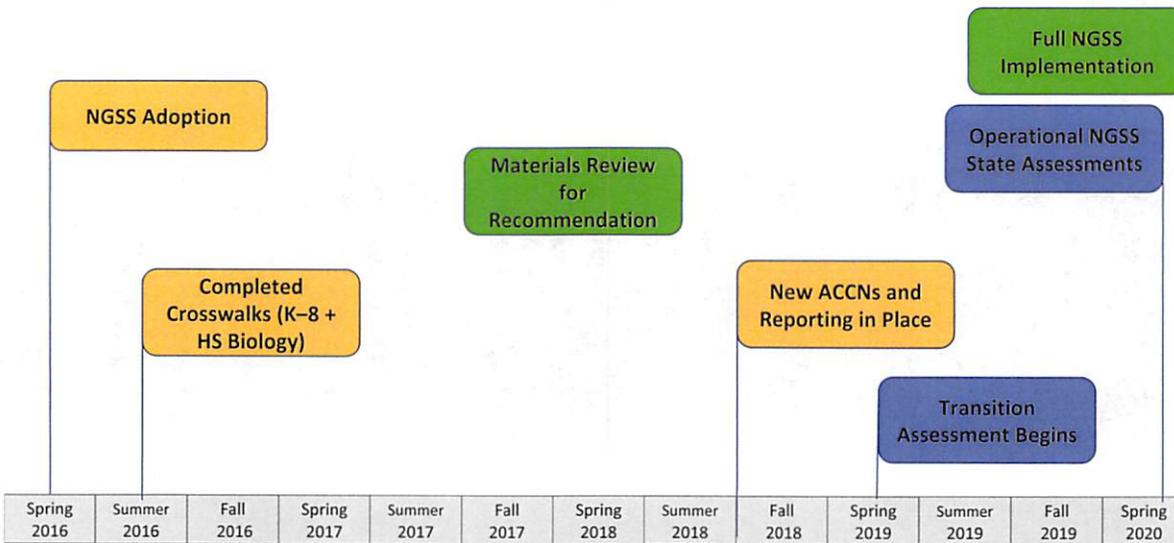




# NGSS Implementation



[http://bit.ly/HISci\\_NGSSplan](http://bit.ly/HISci_NGSSplan)



## Implementation Milestones



# A Tool for Reflection

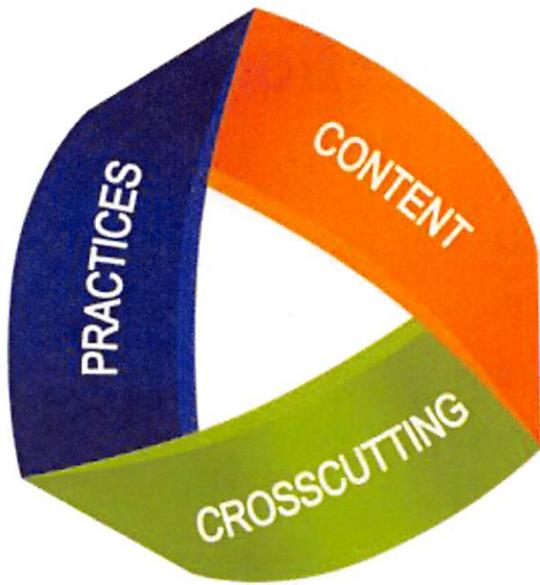
- [http://bit.ly/HISci\\_NGSSreflect](http://bit.ly/HISci_NGSSreflect)
  - Based on six areas of implementation and seven principles of implementation from National Research Council
  - Become familiar with background information first
  - Collaborate for reflection and planning
  - Designate time for reflection and planning
- Designed to help schools and complex areas reflect on current practice and begin to think about needs for implementation
- To be shared with complex area and school leads



# Moving Forward

- Share implementation plan with leadership, complex areas, schools
  - ELI
  - Leadership Symposium
  - Memo (July 15 to precede ELI)
- Provide multiple forms of PD and communication
  - Leadership venues
  - Science Work Group
  - Face-to-face teacher trainings
  - Webinars
  - Intranet





*Achieving this new vision will require time, resources, and ongoing commitment from state, district, and school leaders, as well as classroom teachers.*

Guide to Implementing the Next Generation Science Standards (2015)

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*mahalo!*

