

Supplemental Memorandum

To: STATE BOARD MEMBERS

Date: January 28, 2003

From: Karen Yamamoto, Chair, Curriculum Development and Supplemental Materials Commission
Thomas Adams, Acting Executive Secretary, Curriculum Commission, CFIR Division

Re: SUPPLEMENTAL ITEM # 10

Subject: REPORT OF THE CURRICULUM DEVELOPMENT AND SUPPLEMENTAL MATERIALS COMMISSION

This month's report contains one action item and information on Commission's elections and setting of goals for 2003. In addition, the report updates the Board on the development of the Visual and Performing Arts Framework.

Attachment #1: Report of the Curriculum Commission.

Item for action:

Attachment #2: Process and Timeline for Updating Mathematics Framework. The Curriculum Commission is asking for your approval.

Items for information:

Attachment #3: Curriculum Development and Supplemental Materials Commission 2003 Subject Matter Committee and Other Special Assignments. During the January 15-17 Curriculum Commission meeting, officers were elected for the 2003 calendar year. Karen Yamamoto was elected Chair and Edith Crawford was elected Vice Chair. The three additional members of the Executive Committee are Norma Baker, Milissa Glen-Lambert, and Dale Webster. The Executive Committee appointed subject matter committee chairs and assigned commissioners to subject matter committees. Each subject matter committee elects a vice-chair.

Attachment #4: Goals of the Curriculum Development and Supplemental Materials Commission for 2003 calendar year. The Curriculum Commission established its goals for the 2003 calendar year.



State of California

Gray Davis, Governor

Curriculum Development and Supplemental Materials Commission

An advisory body to the California State Board of Education

916-319-0881

January 28, 2003

Reed Hastings, President
State Board of Education
1430 N Street, Fifth Floor
Sacramento, CA 94244-2720

RE: February 2003 Report of the Curriculum Development and Supplemental Materials Commission

Dear President Hastings:

On behalf of the Curriculum Development and Supplemental Materials Commission (Curriculum Commission), I am pleased to provide you with an update of its recent activities. There is one action item contained within this report regarding the updating of the *Mathematics Framework*. The Curriculum Commission will also present an item under separate cover on the 2003 K-8 Foreign Language Adoption.

Schedule Change for March Meeting

In order to make the best use of its time, the Curriculum Commission has decided to change its meeting dates from March 20-21 to March 28. Commissioners will be conducting the training for the Foreign Language Adoption on March 24-27 and then hold a full Commission meeting on March 28. This change will not prevent the Curriculum Commission from accomplishing its goals.

Mathematics Framework

At the last meeting, the Curriculum Commission followed the State Board's direction and approved a timeline and process for updating the framework in terms of assessment and legislation. Under this proposed timeline, the Curriculum Commission would finish its work in November 2004 and present the framework to the State Board of Education in January 2005. The timeline and process are attached for your approval (please see Attachment #1: Process and Timeline for Updating Mathematics Framework).

2003 K-8 Foreign Language Adoption

During the January meeting, the Curriculum Commission approved fourteen Instructional Materials Advisory Panel (IMAP) applicants and five Language Expert (LE) applicants for recommendation to the State Board for the 2003 K-8 Foreign Language Adoption. In addition, the Curriculum Commission authorized its Chair, Karen Yamamoto, and the Chair of the Foreign Language Committee, Edith Crawford, to review and recommend additional IMAPs and LEs to the State Board of Education. The recommendations and a revised timeline will be presented as a separate item.

Field Review of Draft Visual and Performing Arts Framework

The Curriculum Commission approved the draft Visual and Performing Arts Framework for field review. The Chair of the Visual and Performing Arts Committee, Lora Griffin, will work closely with CDE staff in making final preparations of the document. The draft framework and evaluation questionnaire will be available on the CDE website, www.cde.ca.gov/cfir, between March and April 2003.

Curriculum Commission elects new officers, appoints members to subject matter committees, and adopts goals for 2003

On January 16, the Curriculum Commission elected the following officers for 2003:

Karen Yamamoto, Chair

Edith Crawford, Vice Chair

Norma Baker, Executive Committee Member

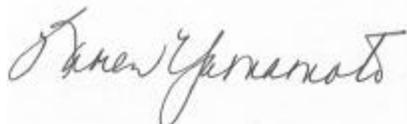
Milissa Glen-Lambert, Executive Committee Member

Dale Webster, Executive Committee Member

The executive committee appointed commissioners to the subject matter committees and the Chair appointed liaisons to a number of important education commissions and committees (please see Attachment #2: Curriculum Development and Supplemental Materials Commission 2003 Subject Matter Committee and Other Special Assignments). In addition, the Curriculum Commission established its goals for the 2003 calendar year (please see Attachment #3: Goals of the Curriculum Development and Supplemental Materials Commission for 2003 calendar year).

This concludes the Curriculum Commission's report for February. I am pleased to have the opportunity to work with each of you this year during my tenure as Commission Chair. As always, we welcome your direction on all matters related to the Curriculum Commission.

Sincerely,



Karen Yamamoto, Chair

Curriculum Development and Supplemental Materials Commission

Attachments:

KY:ssg

cc: Members, State Board of Education

Jack O'Connell, State Superintendent of Public Instruction

Gavin Payne, Chief Deputy Superintendent

Sue Stickel, Deputy Superintendent, Curriculum and Instruction

Richard Brandsma, Executive Director, State Board of Education

Members, Curriculum Commission

Thomas Adams, Acting Executive Secretary, Curriculum Commission

Process and Timeline for Updating Mathematics Framework

CDE Staff: Tom Akin, Consultant, CFIR
Tom Adams, Administrator, CFIR

The Process for Updating the Mathematics Framework

Legal Basis:

Under Education Code 60200(b)(1)(f), the State Board of Education shall produce a framework and adopt instructional materials for mathematics on a six-year cycle. Education Code 60200(c)(5)(B)(6) requires that the criteria be approved by the State Board of Education at least 30 months prior to the date that the materials are adopted. The State Board is scheduled to approve a new Mathematics Framework in 2004 with a major adoption in 2007. The Curriculum Commission, as the advisory body to the State Board on curriculum and instructional materials, must bring forth a draft framework in order to fulfill this statutory obligation.

Background:

The State Board of Education adopted the *Mathematics Framework for California Public Schools, Kindergarten Through Grade Twelve* in December 1998. In 2001, the State Board conducted its first adoption of instructional materials that was based on the framework and its accompanying criteria.

Scope of Review:

At its meeting on November 15, 2002, the Curriculum Commission indicated that it wanted to maintain the foundational content of the framework, yet recognized that the document may have to be updated on specific issues. The commission agreed to review the current framework in the following areas: legislation, content accuracy, educational research, assessment, and evaluation criteria for instructional materials. The *Framework* and its changes will be subject to public review and comment.

Stages of Review:

Legislation: CDE staff will examine the important legislative developments affecting mathematics instruction since 1998. Only chaptered bills will be examined and only those relevant to K-12 education.

Content accuracy: When the *Framework* was written, eminent mathematicians lent their expertise in ensuring the mathematics was accurate. The strength of the document is its respect for content. Nevertheless, mistakes that were not seen in the last printing may need to be corrected and mathematicians may see better ways to express mathematical ideas and principles that are found in the standards.

Educational research: Dr. David Geary, a cognitive psychologist at the University of Missouri, was the primary writer for information about how students learn mathematics, instructional models for mathematics, and the key standards. He or another scholar will need to review the framework's suggestions for instruction.

Assessment: California has been assessing its students in mathematics since 1998. There are results for grades 2-11 and CDE staff members have already done some analyses. The commission should have an understanding of the meaning of these results and what, if any, effect they should have on the updating of the framework.

Evaluation criteria for instructional materials: The next criteria need to clarify some issues that arose during the 2001 adoption. In addition, any legislative changes that affect instructional materials will be included in updates.

Public comment: All changes to the framework will be subject to public comment. It is recommended that a period of 30-45 days be allowed for the public to comment on any changes to and/or content of the *Mathematics Framework*.

Timeline of Activities

Date	Activity
January 16-17, 2003	Legislative Review: CFIR staff analysis of legislation that affects the framework
March 28, 2003	Assessment Review: Assessment staff will review the results from the statewide tests from the previous years.
May 15-16, 2003	Mathematics Content Review and Educational Research: The process for reviewing the framework by scholars will begin and continue through the summer. Designated scholars will review the framework for accuracy and clarity and for updating educational research. This will continue throughout the summer. Curriculum Commissioners will approve a list of areas to be reviewed.
September 17-19, 2003	Mathematics Content Review and Educational Research: Curriculum Commission will receive responses from designated scholars and decide on what to accept.
November 6-7, 2003	Evaluation criteria for instructional materials: Curriculum Commission will review criteria and propose changes
January 2004	Curriculum Commission approves a field review version of the updated framework
February 1-March 15, 2004	Field Review Period
March 2004	Curriculum Commission examines preliminary results
May 2004	Curriculum Commission analyzes results and provides guidance to staff on further revisions.
September 2004	Curriculum Commission examines new draft
November 2004	Curriculum Commission holds hearings and takes action on draft framework
January 2005	Curriculum Commission presents draft framework to the State Board of Education. State Board holds public hearings
February 2005	State Board of Education acts on framework
November 2007	State Board of Education adopts K-8 instructional materials for mathematics

Curriculum Development and Supplemental Materials Commission

2003 Subject Matter Committee and Other Special Assignments

Commissioner	Occupation	Appt. Power	Term Expires	Exec. Com.	RLA/ELD	Math	Science	H-SS	VPA	Health	For. Lang.	ELR	P.E.	*Liaison to: Other Special Assignments
Baker, N.	Principal	SBE	2005	X		Chr.		VC			X			
Brakemeyer, W.	Teacher	SBE	2005		X				VC		X	X		
Coronado, M.	Teacher	SBE	2003						X		VC		X	
Crawford, E.	Vice Principal	SBE	2004	VC			X	X			Chr.			SS
Glen-Lambert, M.	Teacher	Assembly	2005	X						X	X		Chr.	
Griffin, L.	Tchr/Admn, retired	SBE	2003		X				Chr.	X				CTC
Keys, D.	Executive Director	SBE	2006		X			Chr.			X			
Mann, S.	Teacher	SBE	2005			X	Chr.			VC				
Maravilla, J.	Teacher/Reading Consultant	SBE	2006		VC				X		X			
Metzenberg, S.	Professor	SBE	2006			VC	VC			X		Chr.		DCP/AB598
Norris, V.	Attorney	SBE	2003				X			Chr.		VC		
Webster, D.	Teacher/Reading Consultant	SBE	2005	X	Chr.	X							VC	DCP/AB598
Yamamoto, K.	Teacher	SBE	2003	Chr										CISC
Vacant		Governor												
Vacant		SBE				X	X		X					
Pavley, F.	Assembly Member	Assembly	2005											
Vasconcellos, J.	Senator	Senate	2005											
Stickel, Susan	CDE Deputy Supt.													CSMP

Key:

- X=** Committee or Liaison Assignment made by CC Executive Committee, 1/16/03
Chr= Chair of Commission's Subject Matter Committee (SMC) appointed by Executive Committee
VC= Vice Chair of SMC elected by SMC members
CTC= Commission on Teacher Credentialing
CSMP= **Concurrence Committee for California Subject Matter Project**
SS= "Sunshine Club" Chair of Curriculum Commission
AB598= Advisory Commission on Technology and Learning
DCP= Digital California Project
CISC= Curriculum and Instruction Steering Committee

For more information, contact: Tom Adams, Acting Executive Secretary to Curriculum Commission, Curriculum Frameworks and Instructional Resources Division at (916) 319-0663, Tadams@cde.ca.gov or visit our website at <http://www.cde.ca.gov/cc>.

Goals of the Curriculum Development and Supplemental Materials Commission for 2003 calendar year

Executive Committee Goals for 2003:

1. Complete and distribute the Policy and Procedure Manual.
2. Continue to develop priorities for commissioner training as needed, within state budget funding capacity.
3. Continue to develop strategies to connect standards, curriculum, professional development and assessment.
4. Develop, approve and distribute clear and concise presentation packets for commissioners to use in the field.
5. Continue to develop K-16 outreach regarding frameworks, instructional resources, and the Curriculum Commission.
6. Improve awareness and, if possible, provide comment on CDE publications regarding curriculum and instruction.

History-Social Science Subject Matter Committee: (H-SS):

1. Begin preparation for the 2005 primary adoption of Instructional Materials by:
 - (a) Informing publishers of the approved criteria for evaluation of instructional materials in History-Social Science.
 - (b) Approving a time line for the 2005 primary adoption in History-Social Science.
2. Hold a publisher briefing on Criteria for Evaluating Instructional Materials.
3. Begin recruitment of IMAP and CRP members.

Reading/Language Arts/English Language Development (RLA/ELD) Subject Matter Committee:

1. Prepare for the possible interim adoption of reading/language arts/English language development in 2004 by developing a tentative timeline for the adoption.
2. Develop a plan for possible update of the reading/language arts framework in 2004.
3. Continue to review and provide input on all other California Department of Education Reading/Language Arts/English Language Development publications.
4. Develop a PowerPoint slide presentation on the Reading/Language Arts Framework and instructional materials to assist in professional development.

Science Subject Matter Committee:

1. Assist CDE in the dissemination of the Science Framework
2. Examine Evaluation Criteria for 2006 Science Primary Adoption

Foreign Language Subject Matter Committee:

1. Disseminate the Foreign Language Framework.
2. Prepare and complete the 2003 Adoption of K-8 Foreign Language Instructional Materials.

Visual & Performing Arts Subject Matter Committee:

1. Conduct Field Review of Draft VPA Framework and Evaluation Criteria
2. Complete Draft VPA Framework and Evaluation Criteria
3. Submit Draft VPA Framework and Evaluation Criteria to State Board of Education

Mathematics Goals for 2003:

1. Approve timeline goals and updating process
2. Complete legislative, assessment, content, and educational research reviews
3. Review and propose changes to evaluation criteria for K-8 instructional materials
4. Increase awareness of Mathematics Framework and instructional materials to assist in professional development through PowerPoint slide presentation.

Health Goals for 2003:

1. Assist the California Department of Education in the dissemination of the California Health Framework.
2. Review and provide input on all other California Department of Education Health publications.
3. Recommend IMAP and CRP candidates to SBE for participation in the 2004 Health Primary Adoption.
4. Prepare for and facilitate the 2004 Health Primary Adoption process.

Physical Education Goals for 2003:

1. Remain informed and follow the development of the Physical Education standards.

Electronic Learning Resources Subject Matter Committee (ELR):

1. Continue to work with the advisory body to the Commission on Technology and Learning (AB598)
2. Provide consultation to the CLRN project
3. Remain informed on national and statewide efforts in the area of electronic learning technologies
4. Encourage publishers to establish a centralized, national web site that will allow teacher access to online materials
5. Provide direction to the State Board of Education and the Governor's Office regarding the use of online materials in relation to the State's adopted materials
6. Connect with the work of the Digital California Project (DCP) (K-20 Statewide network) - continue