Virginia Board of Education Agenda Item

Agenda Item: F   **Date:** February 23, 2017

Title	Report on the Timeline for the Development of the *Computer Science Standards of Learning*
Presenter	Mr. Mark R. Saunders, Director, Office of Technology and Virtual Learning, Division of Instruction

E-mail	Mark.Saunders@doe.virginia.gov	**Phone**	(804) 786-0307

Purpose of Presentation:
For information only. No action required.

Previous Review or Action:
No previous review or action.

Action Requested:
No action requested.

Alignment with Board of Education Goals: Please indicate (X) all that apply:

	Goal 1: Accountability for Student Learning
X	Goal 2: Rigorous Standards to Promote College and Career Readiness
	Goal 3: Expanded Opportunities to Learn
	Goal 4: Nurturing Young Learners
	Goal 5: Highly Qualified and Effective Educators
	Goal 6: Sound Policies for Student Success
	Goal 7: Safe and Secure Schools
	Other Priority or Initiative. Specify:

Background Information and Statutory Authority:
Goal 2: The Board of Education's comprehensive plan calls for a review and revision of all Standards of Learning.

Code of Virginia, Section 22.1-253.13:1-B… "The Board shall seek to ensure that the Standards of Learning are consistent with a high-quality foundation educational program. The Standards of Learning shall include, but not be limited to, the basic skills of communication (listening, speaking, reading, and writing); computation and critical reasoning, including problem solving and decision making; proficiency in the use of computers and related technology; computer science and computational thinking, including computer coding; and the skills to manage personal finances and to make sound financial decisions."

Summary of Important Issues:
HB831, a bill to amend and reenact § 22.1-253.13:1 of the *Code of Virginia*, relating to public elementary and secondary schools; computer science and computational thinking, was approved during the 2016 session of the General Assembly.

Using an established process and criteria, the Department of Education plans a development of *Computer Science Standards of Learning* according to the attached projected timeline (Attachment A - Schedule for the Development of Computer Science Standards of Learning).

Impact on Fiscal and Human Resources:
It is anticipated that the costs associated with updating the Standards of Learning can be absorbed within existing Board of Education and Department of Education resources.

Timetable for Further Review/Action:
None

Superintendent's Recommendation:
The Superintendent of Public Instruction recommends that the Board of Education accept this report.

Virginia State Board of Education

Report on the Timeline for the Development of the Computer Science Standards of Learning

February 23, 2017

Development of the Computer Science Standards of Learning

February – April 2017

- DOE comment page published.
- Supts. Memo released.
- Steering Committee develop draft standards.
- Review of public comment.
- Teacher Review Committee created.

May – June (early) 2017

- Teacher Review Committee reviews draft standards, research, and public comments. Makes recommendations.
- Draft standards updated from Teacher Review Committee work.
- External Committee review updated standards.
- Steering Committee returns.

Virginia Department of EDUCATION

Development of the Computer Science Standards of Learning

June 2017

- First review of standards by Board of Education

July – September 2017

- Standards released for public comment
- Public hearings held.
- DOE and Steering Committee meet

Development of the Computer Science Standards of Learning

October 2017

- Final review of standards by Board of Education

November 2017

- Public release of standards

Questions and Comments?