Honolulu, Hawaii

## APR 2 7 2018

S.B. No. 2384 RE:

> H.D. 1 C.D. 1

Honorable Ronald D. Kouchi President of the Senate Twenty-Ninth State Legislature Regular Session of 2018 State of Hawaii

Honorable Scott K. Saiki Speaker, House of Representatives Twenty-Ninth State Legislature Regular Session of 2018 State of Hawaii

## Sirs:

Your Committee on Conference on the disagreeing vote of the Senate to the amendments proposed by the House of Representatives in S.B. No. 2384, H.D. 1, entitled:

"A BILL FOR AN ACT RELATING TO EDUCATION,"

having met, and after full and free discussion, has agreed to recommend and does recommend to the respective Houses the final passage of this bill in an amended form.

The purpose of this measure is to:

- (1) Allow the Department of Education to develop a comprehensive plan to integrate design thinking and coding in middle, intermediate, and high school curriculums; and
- Require that any such plan developed by the Department of Education, including any proposed legislation, be submitted to the Legislature prior to the 2019 Regular Session

Your Committee on Conference finds that many of Hawaii's public schools have already implemented courses in science, technology,

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engineering, and math, also known as the STEM fields, in their curriculum. However, many curriculums are designed to solely focus on outcome-based results and potential economic impact, which may compromise innovation and creativity when applied to the STEM fields. Design thinking is an approach to learning, collaboration, and problem solving that is structured for identifying challenges, gathering information, generating potential solutions, refining ideas, and testing solutions. Including design thinking in curriculums can improve and enhance the curriculum and assist

Your Committee on Conference has amended this measure by changing the effective date to July 1, 2018.

As affirmed by the record of votes of the managers of your Committee on Conference that is attached to this report, your Committee on Conference is in accord with the intent and purpose of S.B. No. 2384, H.D. 1, as amended herein, and recommends that it pass Final Reading in the form attached hereto as S.B. No. 2384, H.D. 1, C.D. 1.

Respectfully submitted on behalf of the managers:

ON THE PART OF THE HOUSE

students in creatively solving problems.

ON THE PART OF THE SENATE

TUSTIN H WOODSON

Co-Chai

Co-Chair

MICHELLE N. KIDANI

Chair \_

MAILE S.L. SHIMABUKURO

Co-Chair

## Record of Votes of a Conference Committee

| Bill / Concurrent Resolution No.:  SB 2384, HD 1   |   |  |   | Date/Time: 4/27/18   | 1:13                          | Pm |    |   |   |
|--|---|--|---|--|-------------------------------|----|----|---|---|
| The recommendation of the House and Senate managers is to pass with amendments (CD).   |   |  |   |  |                               |    |    |   |   |
| The Committee is reconsidering its previous decision.  |   |  |   |  |                               |    |    |   |   |
| The recommendation of the Senate Manager(s) is to AGREE to the House amendments made to the Senate Measure                                   |   |  |   | The recommendation of the House Manager(s) is to AGREE to the Senate amendments made to the House Measure. |                               |    |    |   |   |
| Senate Managers  | A | WR   | N | Е  | House Managers                | A  | WR | N | Е |
| KIDANI, Michelle N., Chr.  | V |  |   |  | WOODSON, Justin H., Co-Chr.   | V  | ,  |   |   |
| SHIMABUKURO, Maile S.L., Co-Chr.   | V |  |   |  | CULLEN, Ty J.K., Co-Chr.      |    |    |   |   |
| ESPERO, Will   | V |  |   |  | HASHEM, Mark J.               | V  |    |   |   |
|  |   |  |   |  | MATSUMOTO, Lauren Kealohilani |    |    |   |   |
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|  |   |  |   |  |                               | 1  | -  |   |   |
| TOTAL  | 3 |  |   |  | TOTAL                         | 4  |    |   |   |
| A = Aye $WR = Aye$ with Reservations $N = Nay$ $E = Excused$   |   |  |   |  |                               |    |    |   |   |
| Senate Recommendation is:  |   |  |   | House Recommendation is:   |                               |    |    |   |   |
| Adopted  Not Adopted   |   |  |   | Adopted  |                               |    |    |   |   |
| Senate Lead Chair's or Designee's Signature:  Michelle L. L. Lani  |   |  |   | House Lead Chair's or Designee's Signature:  |                               |    |    |   |   |
| Distribution: Original Yellow Pink Goldenrod File with Conference Committee Report House Clerk's Office Senate Clerk's Office Drafting Agent |   |  |   |  |                               |    |    |   |   |