INTEROFFICE CORRESPONDENCE
Los Angeles Unified School District
Division of Instruction

TO: All High School Principals

FROM: Derrick Chau, Ph.D.
Senior Executive Director, P-12 Instruction

Patricia Heideman
Administrator, High School Instruction

DATE: March 6, 2019

SUBJECT: REPLACING INTEGRATED COORDINATED SCIENCE I COURSE WITH
THE INTERACTION COURSE

The purpose of this correspondence is to provide updates regarding transition of the Integrated
Coordinated Science I AB (ICS I AB) course to the Interactions AB course. A course
description for Interactions AB has been approved as a ‘g’ elective in physical science by both
L.A. Unified and UCOP. Interactions AB, designated as a “g” laboratory physical science
course, satisfies the same graduation requirement as ICS I AB.

Background
The Division of Instruction is revising and will replace all current science courses with Next
Generation Science Standards (NGSS) aligned courses before the start of the 2020-2021 school
year. The ICS I course is not NGSS-aligned, therefore, the Division of Instruction is offering
Interactions AB to replace that course. Interactions is curriculum written by CREATE for STEM
Institute at Michigan State University.

Rationale for the Replacement
1. Textbook Services sent out a solicitation for submissions for new NGSS aligned ICS I AB
   instructional materials but received no submissions from any publisher.
2. The official NGSS website gave Interactions the highest instructional quality designation. It
   is also highlighted by the National Science Teacher Association (NSTA) as a model of what
   an NGSS classroom should look like.
3. The Interactions course is designed specifically for freshmen to establish a solid foundation
   in the nature of science, and the science and engineering practices.

Plan of Adoption
1. The current ICS I AB course will still be available for the 2019-2020 school year. The course
   will be obsolete in fall 2020, so schools should plan a replacement prior to that date.
2. Schools may replace ICS I AB with any other approved NGSS-aligned course they deem
   appropriate to their program or they may write their own course and submit it to LAUSD and
   UCOP for approval. Schools should check with their Local District for direction and the
   timeline on course submission. See Bulletin 3697.3 on writing new courses.
3. Teachers must attend one of the two offered Interactions trainings in order to teach the
   course. Interactions AB will be available through MiSiS to trained schools only.
4. Schools with teachers trained in *Interactions* will receive instructional materials and a science kit for the hands-on activities.

5. To register for the upcoming *Interactions AB* summer professional development, teachers go to MyPLN [http://lausd.csod.com](http://lausd.csod.com), keywords “Interactions-Summer”. Registration will close by May 24, 2019. See attached flyer for more details on dates, compensation, and registration.

For questions, please contact Ayham Dahi, the Division of Instruction Secondary Science Coordinator at (213)-241-6876 or via email at ayham.dahi@lausd.net.

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Ayham Dahi
The Division of Instruction is offering Interactions AB as a replacement for Integrated Coordinated Science I (ICS I). ICS I is not aligned to the Next Generation Science Standards (NGSS) and will be obsolete in 2020. Interactions is a curriculum written by CREATE for STEM Institute at Michigan State University (MSU). Professors from MSU will lead the professional development, in addition to practitioners in the classroom.

**Interactions AB Professional Development**

The NGSS website gave Interactions the highest instructional quality designation

**Interactions** replaces ICS I as a physical science “g” course and requires the same credentialing to teach

Schools will receive student and teacher textbooks, in addition to science materials needed for implementation

**Interactions AB** will only be available to trained teachers

**Participants:** ICS I instructors who will teach Interactions AB

**Compensation:** Regular Rate

**Dates**
June 14, 17, & 18, 2019 - 8:00 a.m. - 3:00 p.m.
August 12-14, 2019 - 8:00 a.m. - 3:00 p.m.

**Location:**
Downtown Business Magnet High School

**Registration through MyPLN:**
http://lausd.csod.com

**Keywords:**
Interactions-Summer

**Contact:**
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