



SCHOOL BOARD MEETING REPORT

Board Meeting Date: April 18, 2018 **Superintendent:** Dave Valenzuela

Administrator/Staff: Rob Saunders

Type of Item: *Informational* *Action*

Please state your proposal briefly and clearly. What do you want the board to know, discuss, or decide?

I am recommending that the Board approve the following instructional materials for adoptions in accordance with the State Board of Education, Division 22 Standards, and Next Generation Science Standards (NGSS): StemScopes was selected as the science curriculum for grades Kindergarten through 9th grade. The adoption materials will include digital and consumable resources that support the Next Generation Science Standards. Teacher resources within the curriculum include scopes and sequences within storylines that integrate science standards and follow the 5E (Engage, Explore, Explain, Extend, and Evaluate) approach. It is a hands-on approach to teaching science that is driven by a phenomenon.

Additionally, I am recommending that the Board approve the following instructional materials for adoptions in accordance with the State Board of Education and NGSS: Miller and Levine Biology by Prentice Hall for High School Biology. The adoption materials will include digital and consumable resource that support the NGSS. Teacher resources within the curriculum include scopes and sequences that are aligned with the NGSS Standards, have strong curriculum support with case studies and phenomena, and provide support material for the "implied" background knowledge needed before investigating the standards.

Provide history/background information on your proposal:

We used the state adoption list to evaluate curriculum. A team of teachers representing Elementary, Middle, and High School evaluated at least three publishers for K-9th grade science and biology. In addition, materials were evaluated to support high school elective courses. In the evaluation process we felt that the 9th grade science and biology classes needed new curriculum support. We used a scoring guide to rate each curriculum. The materials we have selected will be out for public viewing at the District Office for the next month. Public comments will be considered before the adoption is finalized.

List the advantages of your proposal:

Curriculum materials are one of the most important components of teaching and learning. Many of the materials on the state adoption list align to current state standards and support research-based, powerful instructional practices. The most important factor in teaching and learning is the teacher. In the hands of our highly effective teachers, curriculum can be a highly effective instructional tool. The resources within the STEMScopes NGSS-aligned curriculum include digital and consumable resources organized in a manner that provides for differentiation of instruction (enrichment and intervention) At the high school level, the advantages for the Miller

List possible disadvantages of your proposal:

Curriculum materials can be expensive. There are also no instructional materials that meet every instructional need for a teacher.

List possible alternatives that could also offer a solution to your proposal. Why were they not recommended?

Not adopting a curriculum, regardless of plans to purchase, is in violation of Division 22 Standards.

Superintendent's recommendation(s): **Approve:** Yes No