

Physics Adoption Committee

MARCH 26, 2025

Agenda

- ▶ Review Evaluation Tool
- ▶ Review Data Collection
- ▶ Evaluate material
- ▶ Next steps and Check-out



Team Norms

- ▶ Keep an open mind
- ▶ Time for technology breaks
- ▶ Be honest
- ▶ Assume positive intentions
- ▶ Listen for understanding
- ▶ Ask questions

Consensus Process

- ▶ Thumbs Up: I think it's a good decision and will advocate for it.
- ▶ Thumbs Sideways: I am comfortable with the proposal but might want to discuss some minor issues.
- ▶ Thumbs Down: I still need to discuss certain issues and suggest changes that should be made.

Bellevue School District Physics Courses

- ▶ Physics is the third content area in the traditional biology, chemistry, physics series.
- ▶ The general Physics course is one of several physics course options:
 - ▶ General physics – conceptual physics, geared towards access to all and aligned to NGSS
 - ▶ AP Physics 1 – aligned to Advanced Placement standards and can be taken without general physics as a prerequisite. Represents the first semester of a year-long algebra-based, college level physics. Alg 2 concurrent or pre-requisite
 - ▶ AP Physics 2 - aligned to Advanced Placement standards and has AP Physics 1 as a prerequisite. Represents the second semester of a year long algebra-based, college level physics sequence.
 - ▶ AP Physics C (Mechanics) - aligned to Advanced Placement standards and can be taken without general physics as a prerequisite. Represents the first semester of a year-long calculus-based, college level physics. Calculus concurrent or pre-requisite

Why new materials now?

- ▶ Current materials are loosely aligned to Washington State 2003 Standards
- ▶ Adopted text in 2000
- ▶ Developed materials from 2005-2010
- ▶ Next Generation Science Standards are WA state's standards – adopted in 2013
- ▶ WCAS is an NGSS assessment – Spring 2018
- ▶ 11th grade comprehensive science assessment

Overview Adoption Process – Committee Tasks

1. Reviews materials using evaluation criteria
2. **Review feedback data** from students, teachers, community
3. Determines **recommendation** to the Instructional Materials Committee (IMC) – consensus process
4. **Implementation** start following School Board approval to begin district-wide use

Timeline *Draft* –

Date	Task
02/26/25	Begin adoption committee orientation, look at NGSS, look at evaluation docs
03/26/25	Use the evaluation docs to review PEER Physics, review data collection plan
04/23/25	Review Teacher and Student Survey Data, review Evaluation data, determine if we have enough evidence to make a recommendation

Data Collection Plan

- ▶ Committee Evaluation Tool
- ▶ Pilot teacher survey
- ▶ Pilot student survey
 - ▶ Focus groups
- ▶ Pilot parent feedback
 - ▶ Focus parents from pilot classrooms

Committee Evaluation Categories

- ▶ NGSS Alignment
 - ▶ Storyline/Phenomenon/Solve Relevant Problems
 - ▶ Student sense-making
 - ▶ Integration of Three Dimensions
- ▶ Assessment
- ▶ Inclusive Educational Practices
- ▶ Instructional Planning and Support