Eisenhower Science Action Plan 2018-2019

SMART Goals:

Science Building Instructional Goals: Because reading and writing at grade level are essential skills for meeting standard on the 11th grade Washington Comprehensive Assessment of Science (WCAS), a building-wide focus has been placed on Communicates Reasoning with Evidence (CRE), Words of the Week for SBA Action Verbs, and the posting of daily Learning Objectives that will be visible to the students.

To increase student engagement, by December 2018, Eisenhower High School will develop a system that continually measures student academic progress toward these building goals through Common Formative Checks for Understanding and the use of a building-wide CRE Rubric.

By December of 2018, instructional staff will incorporate common action verbs in their daily learning objectives.

To better aid student understanding of SBA and WCAS scoring practices, Science teachers will engage in aligning the building-wide CRE Rubric to these standards.

Grade 9: In the 2017-2018 school year, 20% of current 9th-grade students at Eisenhower HS performed "Above Standard" on Claim 1-Reading of the 8th Grade ELA SBA. To ensure success on the WCAS in 2021, this group of students will increase their scores in Reading by 10% as measured by the Collections ELA practice test.

Grade 10: In the 2016-2017 school year, 14% of current 10th-grade students at Eisenhower HS performed "Above Standard" on Claim 1-Reading of the 8th Grade ELA SBA. To ensure success on the WCAS in 2020, this group of students will increase their scores in Reading 10% as measured by the SBA.

Grade 11: In the 2017–2018 school year, 30% of 11th-grade students at Eisenhower HS performed "Above Standard" on the WCAS, and 26.3% performed "Above Standard" on Claim 1-Reading on the HS Math SBA. To ensure success on the WCAS in 2019, 11th-grade students will increase their scores in Reading 10% as measured by the Collections ELA practice test and the SBA.

Grade 12: In the 2017–2018 school year, 5% of our current 12th-grade students at Eisenhower HS who previously failed the HS ELA SBA performed "Above Standard on Claim 1-Reading. By the spring of 2019, students will improve their performance of 12th-grade students at our school who previously failed by 10 percent in Claim 1 – Reading as measured by the SBA in Spring 2019.

Content	Action	Professional Learning	Who is responsible?	By When?	How will we measure?
Science	Identify common vocabulary SBA terms, action verbs, scoring criteria, acronyms, etc. Identify a few focus SIOP Strategies to implement in their daily instruction Develop common formative checks for learning (Evidence Checks) Develop a protocol for effective evaluation of common formative checks for learning "Here's What; So What; Now What" Use the Common CRE Rubric to score student writing Score IAB Brief Writes as a building team (ELA, Social Studies, and Science) **Create Calendar for all items**	YSD 5 (Frayer Model, Optimal Learning Model, 10:2 5:2, Think Write Pair Share, Reflective Writing) CRE Graphic Organizer & Rubric SIOP Strategies (Build Vocabulary) Common Formative Checks (Inquiry Cycle) The Science Leads will draft these in October as samples Include support staff in PD (IF) Train staff to score IAB (Brief Writes)	ILT and grade level/ content teams develop & evaluate Implementation IFs provide PD & PD support Admin. performs non-evaluative classroom walk-throughs IF and Admin will create calendar	On going	Classroom Walk-throughs Department Formative Checks for Learning (Unit assessments, staff created Check for Understanding (CFU), IAB, etc.) Common CRE Rubric Teacher Reporting

Science Action Plan 2018-2019